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## Product Datasheet

### SARS-CoV-2 (COVID-19) 3CL-Mpro Protein, His-Tag, E. coli TRZ-P2020-018\_500

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SARS-CoV-2 (COVID-19) 3CL-Mpro Protein, His-Tag, E. coli                                                                                                                                                                                                      |
| Biozol Catalog Number      | TRZ-P2020-018_500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | P2020-018_500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | TRZ-P2020-018_500                                                                                                                                                                                                                                             |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                      |
| Host                       | E. coli                                                                                                                                                                                                                                                       |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Application                | ELISA, WB                                                                                                                                                                                                                                                     |
| Species Reactivity         | Virus                                                                                                                                                                                                                                                         |
| Product Description        | The new coronavirus SARS-CoV-2 expresses two proteases, the papain-like protease (PLpro) and 3C-like protease (3CLpro). Both belong to the group of cysteine proteases, as they have a cysteine residue at their catalytic site. Their main function is th... |
| Molecular Weight           | 47,2 kDa                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">P0DTD3</a>                                                                                                                                                                                                                                        |
| Buffer                     | 20 mM Tris, 150 mM NaCl, 1 mM DTT, 20% (v/v) Glycerol                                                                                                                                                                                                         |
| Purity                     | > 90% as determined by SDS-PAGE                                                                                                                                                                                                                               |
| Form                       | liquid                                                                                                                                                                                                                                                        |

|          |                                                                                                                                                                                                                                                                                           |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | SGFRKMAFPSGKVEGCMVQVTCGTTTLNGLWLDDVVYCPRHVICTSEDMLN<br>PNYEDLLIR<br>KSNHNFLVQAGNVQLRVIGHSMQNCVLKLKVD TANPKTPKYK FVRIQPGQTF<br>SVLACYNG<br>SPSGVYQCAMRPNFTIKGSFLNGSCGSVGFNIDYDCVSFCYMHHMELPTGVH<br>AGTDLEGN<br>FYGPFVDRQTAQAAGTDTTITVNVLAWLYAAVINGDRWFLNRFTTTLNDFNL<br>VAMKYNYE PLTQDHVDIL |
| Formula  | pH 7.5                                                                                                                                                                                                                                                                                    |