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## Product Datasheet

### SARS-CoV-2 (COVID-19) 3CL-Mpro Protein, unmodified, E. coli TRZ-P2020-027\_500

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | SARS-CoV-2 (COVID-19) 3CL-Mpro Protein, unmodified, E. coli                                                                                                                                                                                                   |
| Artikelnummer            | TRZ-P2020-027_500                                                                                                                                                                                                                                             |
| Hersteller Artikelnummer | P2020-027_500                                                                                                                                                                                                                                                 |
| Alternativnummer         | TRZ-P2020-027_500                                                                                                                                                                                                                                             |
| Hersteller               | trenzyme                                                                                                                                                                                                                                                      |
| Wirt                     | E. coli                                                                                                                                                                                                                                                       |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                |
| Applikation              | ELISA, FA, WB                                                                                                                                                                                                                                                 |
| Spezies Reaktivität      | Virus                                                                                                                                                                                                                                                         |
| Produktbeschreibung      | 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... |
| Molekulargewicht         | 33,8 kDa                                                                                                                                                                                                                                                      |
| UniProt                  | <a href="#">P0DTD1</a>                                                                                                                                                                                                                                        |
| Puffer                   | 20 mM Tris, 150 mM NaCl, 1 mM DTT, 20% (v/v) Glyverol                                                                                                                                                                                                         |
| Reinheit                 | > 90% as determined by SDS-PAGE                                                                                                                                                                                                                               |
| Formulierung             | liquid                                                                                                                                                                                                                                                        |

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