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## Product Datasheet

### Recombinant Human Carbonic anhydrase 2 (CA2) (Active) BYT-ORB1881837

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| Article Name               | Recombinant Human Carbonic anhydrase 2 (CA2) (Active)                                                                                                                                                                                                                             |
| Biozol Catalog Number      | BYT-ORB1881837                                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | orb1881837                                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | BYT-ORB1881837-1,BYT-ORB1881837-100,BYT-ORB1881837-20                                                                                                                                                                                                                             |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                                                                           |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                                                  |
| Product Description        | This Recombinant Human Carbonic anhydrase 2 (CA2) (Active) spans the amino acid sequence from region 1-260aa. Purity: Greater than 95% as determined by SDS-PAGE....                                                                                                              |
| Molecular Weight           | 30.7 kDa                                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P00918</a>                                                                                                                                                                                                                                                            |
| Buffer                     | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl,0.5 M NaCl,6% Trehalose, pH 8.0.                                                                                                                                                                                                |
| Source                     | Homo sapiens (Human)                                                                                                                                                                                                                                                              |
| Purity                     | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                                                                                                       |
| Form                       | Lyophilized powder                                                                                                                                                                                                                                                                |
| Sequence                   | MSHHWGYGKHNGPEHWHKDFPIAKGERQSPVDIDTHTAKYDPSLKPLSVSY<br>DQATSLRILNNGHAFNVEFDDSQDKAVLKGGPLDGTYRLIQFHFHWGSLDGG<br>GSEHTVDKKKYAAELHLVHWNTKYGDFGKAVQQPDGLAVLGIFLKVGSAKPG<br>LQKVVDVLDSIKTKGKSADFTNFDPRGILLPESLDYWTYPGSLTTPPLLECVTWI<br>VLKEPISVSSEQVLKFRKLNFNNGEGEPEELMVDNWRPAQPLKNRQI |

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| Application Notes | Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its esterase activity. The specific activity is >2600 pmol/min/μg. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference |
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