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## Product Datasheet

### Recombinant Macaca fascicularis CUB domain containing protein 1 (CDCP1), partial (Active) BYT-ORB1882053

|                            |                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Macaca fascicularis CUB domain containing protein 1 (CDCP1), partial (Active)                                                                                                                 |
| Biozol Catalog Number      | BYT-ORB1882053                                                                                                                                                                                            |
| Supplier Catalog Number    | orb1882053                                                                                                                                                                                                |
| Alternative Catalog Number | BYT-ORB1882053-1,BYT-ORB1882053-100,BYT-ORB1882053-20                                                                                                                                                     |
| Manufacturer               | Biorbyt                                                                                                                                                                                                   |
| Category                   | Proteine/Peptide                                                                                                                                                                                          |
| Product Description        | This Recombinant Macaca fascicularis CUB domain containing protein 1 (CDCP1), partial (Active) spans the amino acid sequence from region 30-667aa. Purity: Greater than 95% as determined by SDS-PAGE.... |
| Molecular Weight           | 73.5 kDa                                                                                                                                                                                                  |
| UniProt                    | <a href="#">A0A2K5VLA8</a>                                                                                                                                                                                |
| Buffer                     | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                                                                       |
| Source                     | Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)                                                                                                                                             |
| Purity                     | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                               |
| Form                       | Lyophilized powder                                                                                                                                                                                        |

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | FEIALPRESNITVLIKLGTPDLLAKPCYIVISKRHTTMLSIKPGERILFTFSCQSPEN<br>HFVIEIQKNIDCMMSGPCPFGEVQLQPSTSLPTLNRTFIWDVKAHKSIGLELQFS<br>IPRLRQFGPGESCPDGVVTYSISGRIDATVVRIGTFCSNGTVSRIKMQEGVKMAL<br>HLPWFHPRNVSGFSIANRSSIKRLCIIESVFEGEGSATLMSANYPEGFPEDLM<br>TWQFVIPAHLRASVSFLNFNLSNCERKEERVEYY                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes | Biological Origin: <i>Macaca fascicularis</i> (Crab-eating macaque) (Cynomolgus monkey). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> CDCP1 at 2 µg/mL can bind Anti-CDCP1 recombinant antibody, the EC50 is 1.861-2.330 ng/mL. 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 |