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Product Datasheet

Monkey ACE2 protein BYT-ORB705341

Article Name	Monkey ACE2 protein
Biozol Catalog Number	BYT-ORB705341
Supplier Catalog Number	orb705341
Alternative Catalog Number	BYT-ORB705341-20,BYT-ORB705341-100,BYT-ORB705341-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant Macaca fascicularis Angiotensin-converting enzyme(ACE2),partial...
Molecular Weight	112.7 kDa
UniProt	A0A2K5X283
Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Source	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Purity	Greater than 93% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAGEKW SAFLKEQSTLAQMYPQLQEIQNLTVKLQLQALQQNGSSVLSEDKSKRLNTILNT MSTIYSTGKVCNPNPQECLLLDPGLNEIMEKSLDYNERLWAWEGWRSEVGK QLRPLYEEYVVLKNEMARANHYKDYGDYWRGNYEYVNGVDGYDYNRDQLIED VERTFEEIKPLYEHLHAYVRAKLMNAYPSYISPTGCLPAHLLGDMWG

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 SARS-CoV-2-S1-RBD at 5 µg/ml can bind Cynomolgus-ACE2, the EC50 is 5.638-9.496 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
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