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Product Datasheet

Human ACE2 protein

BYT-ORB705345

Article Name	Human ACE2 protein
Biozol Catalog Number	BYT-ORB705345
Supplier Catalog Number	orb705345
Alternative Catalog Number	BYT-ORB705345-1, BYT-ORB705345-100, BYT-ORB705345-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human ACE2 protein spans the amino acid sequence from region 18-740. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	112.6 kDa
UniProt	Q9BYF1
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 90% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAGDKW SAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQNGSSVLSLEDKSKRLNTILNT MSTIYSTGKVCNPDPQECLLLEPGLNEIMANSLDYNERLWAWEWRSEVGK QLRPLYEEYVVLKNEMARANHYEDYGDYWRGDYEVNGVDGYDYSRGQLIED VEHTFEEIKPLYEHLHAYVRAKLMNAYPSYISPIGCLPAHLLGDMWG

Application Notes

Biological Origin: *Homo sapiens* (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD at 2 μ g/ml can bind Biotinylated human ACE2, the EC50 is 4.599-8.322 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