Biorbyt Ltd.
5 Orwell Furlong, Cowley Road, Cambridge
CB4 0WY, United Kingdom
Email: info@biorbyt.com
Phone: +44 (0)1223 859 353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.
1100 Corporate Square Drive, Helix Center, Suite 221
St Louis, MO 63132, United States
Email: info@biorbyt.com
Phone: +1 (415) 906 5211 | Fax: +1 (415) 651 8558

Product Datasheet

Human ACE2 protein
orb594921

Biorbyt Ltd.
5 Orwell Furlong, Cowley Road, Cambridge
CB4 0WY, United Kingdom
Email: info@biorbyt.com
Phone: +44 (0)1223 859 353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.
1100 Corporate Square Drive, Helix Center, Suite 221
St Louis, MO 63132, United States
Email: info@biorbyt.com
Phone: +1 (415) 906 5211 | Fax: +1 (415) 651 8558

Description	Recombinant Human Angiotensin-converting enzyme 2(ACE2),partial (Active)
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	SDS-PAGE
Sequence	Partial
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Target	ACE2
Form/Appearance	0.2 μm Filtered 20 mM Tris-HCl, 150 mM NaCl, 0.1 mM ZnCl2, 10% Glycerol, pH 7.5
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Tag	C-terminal 6xHis-tagged
Note	For research use only.
Protein Sequence	QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAGD KWSAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQNGSSVLSEDKSKRLN TILNTMSTIYSTGKVCNPDNPQECLLLEPGLNEIMANSLDYNERLWAWES WRSEVGKQLRPLYEEYVVLKNEMARANHYEDYGDYWRGDYEVNGVDGYDY SRGQLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYPSYISPIGCLPAHLL GDMWGRFWTNLYSLTVPFGQKPNIDVTDAMVDQAWDAQRIFKEAEKFFVS VGLPNMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDFRILMCTKVTMD DFLTAHHEMGHIQYDMAYAAQPFLLRNGANEGFHEAVGEIMSLSAATPKH LKSIGLLSPDFQEDNETEINFLLKQALTIVGTLPFTYMLEKWRWMVFKGE IPKDQWMKKWWEMKREIVGVVEPVPHDETYCDPASLFHVSNDYSFIRYYT RTLYQFQFQEALCQAAKHEGPLHKCDISNSTEAGQKLFNMLRLGKSEPWT LALENVVGAKNMNVRPLLNYFEPLFTWLKDQNKNSFVGWSTDWSPYADQS IKVRISLKSALGDKAYEWNDNEMYLFRSSVAYAMRQYFLKVKNQMILFGE EDVRVANLKPRISFNFFVTAPKNVSDIIPRTEVEKAIRMSRSRINDAFRL NDNSLEFLGIQPTLGPPNQPPVS
Purity	>95% as determined by SDS-PAGE.
MW	84.63 kDa
Source	Mammalian cell
Expression Region	18-740aa
Activity	Specific activity as determined by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH is greater than 800 pmol/min/μg.
Uniprot ID	**Q9BYF1**
Expiration Date	6 months from date of receipt.
Application Notes	Partial