

Product Datasheet

Recombinant Human Angiotensin-converting enzyme 2 (ACE2), partial (orb2658153)

Catalog Number	orb2658153
Category	Proteins
Description	This Recombinant Human Angiotensin-converting enzyme 2 (ACE2), partial spans the amino acid sequence from region 18-740aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	N-terminal 10xHis-tagged
Form/Appearance	Liquid or Lyophilized powder
Buffer/Preservatives	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNAGDKWSAFLKEQS TLAQMYPQLQEIQNLTVKLQALQNGSSVLSSEDKSKRLNLTMTSTIYSTGKVCNPDNPQ ECLLLEPGLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEMARANHYEDY GDYWRGDYEVNGVDGYDYSRGLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYPSYISPIGC LPAHLLGDMWGRFWTNLYSLTVPFQKPNIDVTDAMVDQAWDAQRIFKEAEKFFVSVGLP NMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDFRILMCTKVMTDDFLTAHHEMGHI QYDMAYAAQPFLLRNGANEGFHEAVGEIMSLSAATPKHLKSIGLLSPDFQEDNETEINFLK QALTIVGTLPFTYMLEKWRWMVFKGEIPKDQWMKKWWEMKREIVGVVEPVPHDETYCDP ASLFHVSNDYSFIRYYTRTLYQFQFQEALCQAAKHEGPLHKCDISNSTEAGQKLFNMLRLGK SEPWTLALENVVGAKNMNVRPLLNYFEPLFTWLKDQNKNSFVGWSTDWSPYADQSIKVRI SLKSALGDKAYEWNDEMILFRSSVAYAMRQYFLKVKNQMILFGEEDVRVANLKPRISFNF FVTAPKNVSDIIPRTEVEKAIRMSRSRINDAFRLNDNSLEFLGIQPTLGPPNQPPVS
Protein Length	Partial

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UniProt ID	Q9BYF1
MW	86.4 kDa
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.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Expression Region	18-740aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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