

Product Datasheet

ACE2 protein (orb705121)

Description

Recombinant Paguma larvata Angiotensin-converting enzyme

Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Form/Appearance	Lyophilized powder
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.
Tag	C-terminal hFc-tagged
Note	For research use only
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.
Protein Sequence	QSTTEELAKTFLETFNIEAQELSYQSSVASWNYNTNITDENAKNMNEAGAKWSA YYEEQSKLAQTYPLAEIQDAKIKRQLQALQSGSSVLSADKSQRLNTILNAMSTIY STGKACNPNNPQECLLLEPGLDNIMENSKDYNERLWAWEGWRAEVGKQLRPLY EEYVALKNEMARANNYEDYGDYWRGDYEEEWTTGGYNYSRNQLIQDVEDTFEQI KPLYQHLHAYVRAKLMDTYPSTRISRTGCLPAHLLGDMWGRFWTNLYPLTVPFQ KPNIDVTDAMVNQNWDAARRIFKEAEKFFVSVGLPNMTQGFWENSMLTEPGDGR KVVCHPTAWDLGKGFRIKMCTKVTMDDFLTAHHEMGHIQYDMAYAAQPFLLR NGANEGFHEAVGEIMSLSAATPNHLKTIGLLSPAFSEDNETEINFLKQALTIVGTL PFTYMLEKWRWMVFKGAIPKEQWMQKWWEMKRNVGVVEVPVPHDETYCDPAS LFHVANDYSFIRYYTRTIYQFQFQEQALCQIAKHEGPLHKCDISNSTEAGKKLEML SLGRSEPWTALERVVGAKNMNVTPLNLYFEPLFTWLKEQNRNSFVGWDTDWR PYSDQSIKVRISLKSALGEKAYEWNENMYLFRSSIAAMREYFSKVNQTIPFVE DNVWVSDLKPRISFNFFVTFSSNNVSDVIPRSEVEDAIRMSRSRINDAFRLDDNSL EFLGIEPTLSPPYRPPVT
Purity	Greater than 94.8% as determined by SDS-PAGE.
Source	Mammalian cell
MW	112.7 kDa
Uniprot ID	Q56NL1
Expiration Date	6 months from date of receipt.