

Angiotensin-converting enzyme (ACE2) Active Protein | ACE2 active protein

Recombinant Macaca fascicularis Angiotensin-converting enzyme (ACE2), partial

CATALOG #
AAA244034

HOST
Mammalian Cell

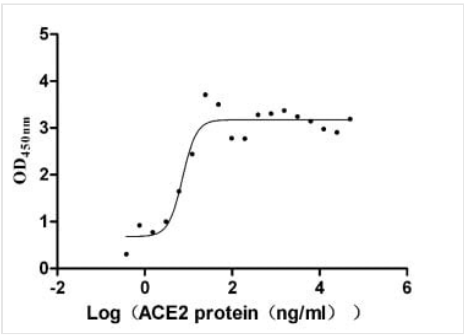
PRODUCT SYNONYMS

Angiotensin-converting enzyme (ACE2); Recombinant Macaca fascicularis Angiotensin-converting enzyme (ACE2); partial; ACE2 active protein

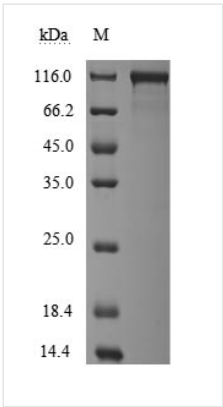
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH7.4 Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	18-741aa, Partial
Sequence	QSTIEEQAKT FLDKFNHEAE DLFYQSSLAS WNYNTNITEE NVQNMNNAE KWSAFLKEQS TLAQMYPLQE IQNLTVKLQL QALQQNGSSV LSEDKSKRLN TILNTMSTIY STGKVCNPNP PQECLLLDPG LNEIMEKSLD YNERLWAWEG WRSEVGKQLR PLYEEYVVLK NEMARANHYK DYGDYWRGNY EVNGVDGYDY NRDQLIEDVE RTFEEIKPLY EHLHAYVRAK LMNAYPSYIS PTGCLPAHLL GDMWGRFWTN LYSLTVPFQK KPNIDVTDAM VNQAWNAQRI FKEAEKFFVS VGLPNMTQGF WENSMLTDPG NVQKVVCHPT AWDLGKGDFFR IIMCTKVMTD DFLTAHHEMG HIQYDMAYAA QPFLLRNGAN EGFHEAVGEI MSLSAATPKH LKSIGLLSPD FQEDNETEIN FLLKQALTIV GTLPFTYMLE KWRWMVFKGE IPKDQWMKKW WEMKREIVGV VEPVPHDETY CDPASLFHVS NDYSFIRYYT RTLYQFQFQE ALCQAAKHEG PLHKCDISNS TEAGQKLLNM LKLGKSEPWT LALENVVGAK NMNVRPLLNY FEPLFTWLKD QNKNSFVGWS TDWSPYADQS IKVRISLKSA LGDKAYEWND NEMYLFRRSSV AYAMRTYFLE IKHQTLFGE EDVRVADLKP RISFNFYVTA PKNVSDIIPR TEVEEAIKIS RSRINDAFRL NDNSLEFLGI QTTLAPPYQS PVTT
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Biological Activity	1: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD at 5ug/ml can bind Cynomolgus-ACE2, the EC50 is 5.638-9.496ng/ml.
Reconstitution	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 0.1-1.0mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



Bioactivity



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

ADDITIONAL INFORMATION

Related Product Information for ACE2 active protein	angiotensin I + H ₂ O = angiotensin-(1-9) + L-leucine
Product Categories/Family for ACE2 active protein	Cancer

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A0A2K5X283
Molecular Weight	112.7kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/angiotensin-converting-enzyme-ace2/244034>