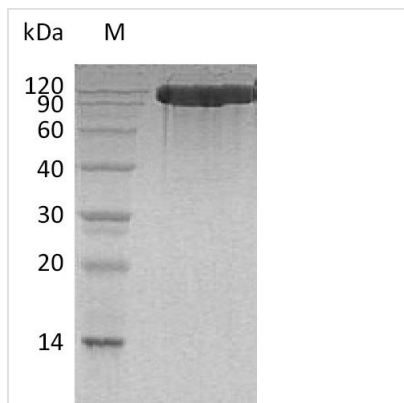




Recombinant Human Angiotensin-converting enzyme 2 (ACE2), partial (Active)

Product Code	CSB-AP005671HU
Abbreviation	Recombinant Human ACE2 protein, partial (Active)
Uniprot No.	Q9BYF1
Form	Liquid
Storage Buffer	0.2 μ m Filtered 20 mM Tris-HCl, 300 mM NaCl, 1 mM ZnCl ₂ , 10% Glycerol, pH 7.4
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	Loaded 2019-nCoV S Protein RBD-mFc on AMC Biosensor, can bind Human ACE-2-His with an affinity constant of 2.06 nM as determined in BLI assay.
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	<p>QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAAGDKW SAFLKEQSTLAQMYPLQEIQNLTVKLQLQALQQNGSSVLSSEDKSKRLNTILNTM STIYSTGKVCNPDNPQECLLLEPGLNEIMANSLDYNERLWAWESWRSEVVGKQ LRPLYEEYVVLKNEMARANHYEDYGDYWRGDYEVNGVDGYDYSRGQLIEDV EHTFEEIKPLYEHLHAYVRAKLMNAYPSYISPIGCLPAHLLGDMWGRFWTNLY SLTVPGQKPNIDVTDAMVDQAWDAQRFKEAEKFFVSVGLPNMTQGFWENS MLTDPGNVQKAVCHPTAWDLGKGDFRILMCTKVTMDDFLTAHHEMGHIQYD MAYAAQPFLLRNGANEGFHEAVGEIMSLSAATPKHLKSIGLLSPDFQEDNETEI NFLKQALTIVGTLPTFTYMLEKWRWMVFKGEIPKDQWMKKWWEMKREIVGVV EPVPHDETYCDPASLFHVSNDYSFIRYYTRTLYQFQFQEALCQAAKHEGPLHK CDISNSTEAGQKLFNMLRLGKSEPWTALENVVGAKNMNVRPLLNYFEPLFT WLKDQNKNSFVGWSTDWSPYADQSIKVRISLKSALGDKAYEWNNDNEMYLFR SSVAYAMRQYFLKVKNQMILFGEEDVRVANLKRISFNFFVTAPKNVSDIIPRT EVEKAIRMSRSRINDAFRLNDNSLEFLGIQPTLGPPNQPPVS</p>
Research Area	Cardiovascular
Source	Mammalian cell
Target Names	ACE2
Expression Region	18-740aa
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	84.63 kDa
Protein Length	Partial
Image	



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

Endotoxin

Less than 1.0 EU/ μ g as determined by LAL method.

Shelf Life

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.