



Catalog No. RPC-006

human ACE2 protein, human Fc tag

Protein Construction

A DNA sequence encoding the human ACE2 (Gln18-Ser740) protein was expressed with the Fc region of human IgG1 at the C-terminus.

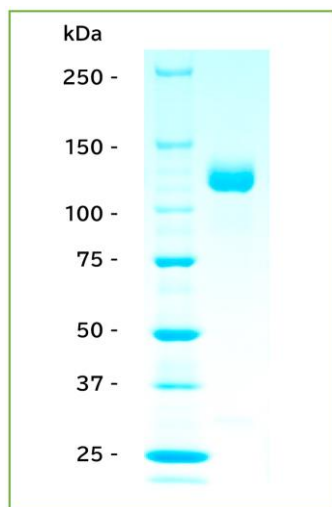
Target Name	ACE2 (Angiotensin-converting enzyme 2)
Source	Human
Accession #	Q9BYF1
Expressed Host	CHO cells
Molecule Mass	The recombinant human ACE2 protein, human Fc tag consists of 967 amino acids and predicts a molecular mass of 110.9 kDa.
Predicted N Terminal	Gln18
Concentration	1 mg/mL
Volume	0.1 mL
Purity	>90%

Structure

ACE2 HUMAN(18-740)

human Fc Tag

SDS-PAGE



Formulation	Liquid
Buffer	PBS(pH7.4)
Storage	-20°C to -80°C
Notes	Avoid repeated freeze-thaw cycles.

A.A. Sequence

QSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNNAGDKWSAFLKEQSTLAQMYPLQEIQNL
TVKLQLQALQQNGSSVLSEDKSKRLNTILNTMSTIYSTGKVCNPDNPQECLLLEPGLNEIMANSLDYNERLWAVE
SWRSEVGKQLRPLYEEYVVLKNEMARANHYEDYGDYWRGDYEVNGVDGYDYSRGQLIEDVEHTFEEIKPLYEH
LHAYVRAKLMNAYPSYISPIGCLPAHLLGDMWGRFWTNLYSLTVPGQKPNIDVTDAMVDQAWDAQRIFKEAEKF
FVSVGLPNMTQGFWENSMLTDPGNVQKAVCHPTAWDLGKGDFRILMCTKVTMDDFLTAHHEMGHIQYDMAYAA
QPFLLRNGANEGFHEAVGEIMSLSAATPKHLKSIGLLSPDFQEDNETEINFLKQALTIVGTLPTMYMLEKWRWMVF
KGEIPKDQWMKKWWEMKREIVGVVEPVPHDETYCDPASLFHVSNDYSFIRYYTRTLYQFQFQEALCQAAKHEGP
LHKCDISNSTEAGQKLFNMLRLGKSEPWTALENVVGAKNMNVRPLLNYFEPLFTWLKDQNKNSFVGWSTDWSP
YADQSIKVRISLKSALGDKAYEWNNDNEMYLFRRSSVAYAMRQYFLKVKNQMILFGEEDVRVANLKPRISFNFFVTAPK
NVSDIIPRTEVEKAIRMSRSRINDAFRLNDNSLEFLGIQPTLGPPNQPPVSASLEVLFGGPAAEPKSCDKTHTCPPC
PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVS
VLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEW
ESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK*

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