

Recombinant Cynomolgus ACE2, Fc tagged

Cat. No. ACE2-107C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus ACE2 (B6DUF3) (Met1-Val739), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-739 a.a.
Predicted N Terminal	Gln 18
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus ACE2 is a disulfide-linked homodimer. The reduced monomer comprises 963 amino acids and has a calculated molecular mass of 110.7 KDa. The apparent molecular mass of the protein is approximately 112 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(92.8±4.3) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	ACE2 angiotensin I converting enzyme 2 [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	ACE2
Gene ID	102130864
mRNA Refseq	XM_005593037
Protein Refseq	XP_005593094
Chromosome Location	X

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