

Recombinant Mouse Ace2 protein, His&hFc-tagged

Cat. No. Ace2-1183M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ace2 protein(Q8R0I0-1)(Met1-Thr740), fused with His&hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr740
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 1mM ZnCl ₂ , pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse ACE2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 971 amino acids and has a predicted molecular mass of 112 kDa. As a result of glycosylation, it migrates as an approximately 130 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name *Ace2* angiotensin I converting enzyme (peptidyl-dipeptidase A) 2 [*Mus musculus*]

Official Symbol *Ace2*

Synonyms ACE2; angiotensin I converting enzyme (peptidyl-dipeptidase A) 2; angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme 2; 2010305L05Rik;

Gene ID 70008

mRNA Refseq NM_001130513

Protein Refseq NP_001123985

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