

## Recombinant Mouse ACE2 protein(Met1-Thr740), His-tagged

**Cat. No.** Ace2-1184M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ACE2 isoform 1 (Q8R0I0-1) (Met 1-Thr 740) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-740 a.a.
<b>Form</b>	Lyophilized from sterile 25mM Tris, 150mM NaCl, 1mM ZnCl <sub>2</sub> , pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant mouse ACE2 comprises 734 amino acids and has a predicted molecular mass of 85 kDa. As a result of glycosylation, it migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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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