

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

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

SPECIFICATION

Product Overview	Recombinant Mouse ACE2 isoform 1 (Q8R0I0-1) (Met 1-Thr 740) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-740 a.a.
Form	Lyophilized from sterile 25mM Tris, 150mM NaCl, 1mM ZnCl ₂ , pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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