

# Human ACE2 / Angiotensin-Converting Enzyme 2 (Fc Tag) recombinant protein



Catalog Number: 503709

## General Information

### Gene Name Synonym

ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; Processed angiotensin-converting enzyme 2

### Protein Construction

A DNA sequence encoding the human ACE2 (NP\_068576.1) (Met1-Ser740) was expressed with the Fc region of mouse IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 18

## Molecular Mass

The recombinant human ACE2 consists 957 amino acids and predicts a molecular mass of 110 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

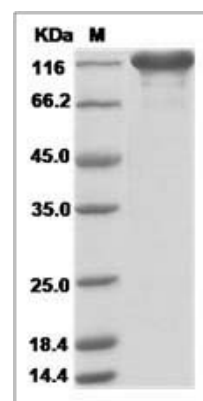
### Storage

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.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human ACE2 / Angiotensin-Converting Enzyme 2 Protein (Fc Tag)