

# Recombinant Mouse Basigin/CD147 Protein

Catalog No.: RP01467 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	12215	P18572-2

### Tags

C-His&Avi

### Synonyms

CD147

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

### Endotoxin

<0.1EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

This protein is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.

## Basic Information

### Description

Recombinant Mouse Basigin/CD147 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala22-Ala211) of mouse CD147/EMMPRIN/Basigin (Accession #NP\_033898.1) fused with a 6×His□Avi tag at the C-terminus.

### Bio-Activity

#### Storage

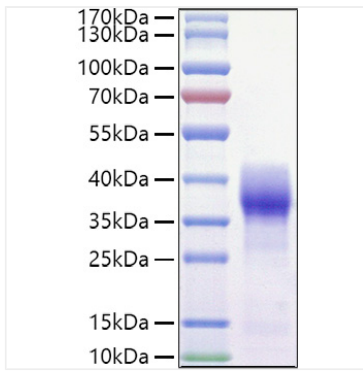
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse Basigin/CD147 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45kDa.