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Recombinant

Species	Gene ID	Swiss Prot
Human	682	P35613

Synonyms

Product Information

Calculated MW	Observed MW
46.71 kDa	65-75 kDa

Formulation

Reconstitution

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 Human Basigin/EMMPRIN/CD147 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Thr25-His205) of human CD147/EMMPRIN/Basigin (Accession #NP_001719.2) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human CD147 at 1µg/mL (100 µL/well) can bind CD147 Mouse mAb with a linear range of 0.12-3.05 ng/ml.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquoid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

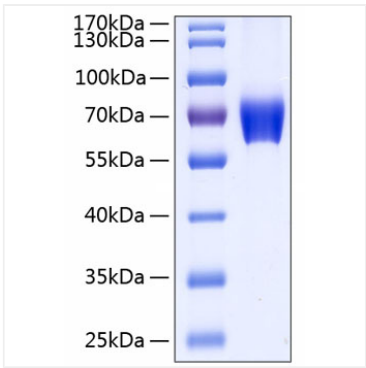
Contact

 | 400-999-6126

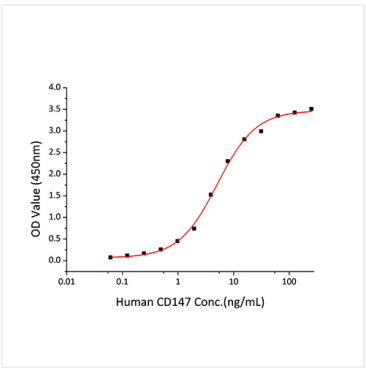
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Validation Data



Recombinant Human Basigin/EMMPRIN/CD147 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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