Recombinant Human Basigin/EMMPRIN/CD147 Protein

Catalog No.: RP00104

Sequence Information

Species
Human

Gene ID
682

Swiss Prot
P35613

Tags
C-hFc&His

Synonyms
5F7, CD147, EMMPRIN, OK, TCSF, BSG, 5F7, basigin,CD147, EMMPRIN,OK,TCSF,basigin

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
46.71 kDa

Observed MW
65-75 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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

Storage
Store at -20℃

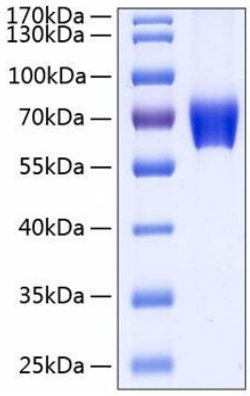
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

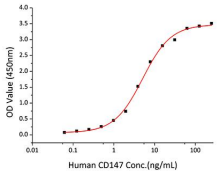
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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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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