

PRODUCT INFORMATION

CD147 **Target**

Basigin; BSG; 5F7; CD147; EMMPRIN; M6; OK; TCSF **Synonyms**

Recombinant Human CD147 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P35613 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

CD147(Gly140-Ala323) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

46.3 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of CD147-hFc is

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression.

Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, May 2020]

Usage Research use only

Conjugate Unconjugated



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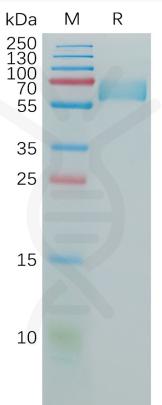


Figure 1. Human CD147 Protein, hFc Tag on SDS-PAGE under reducing condition.



