PRODUCT INFORMATION

Target	CD147
Synonyms	Basigin;BSG;5F7;CD147;EMMPRIN;M6;OK;TCSF
Description	Recombinant Human CD147 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P35613
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD147(Gly140-Ala323) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.3 kDa after removal of the signal peptide.The apparent molecular mass of CD147-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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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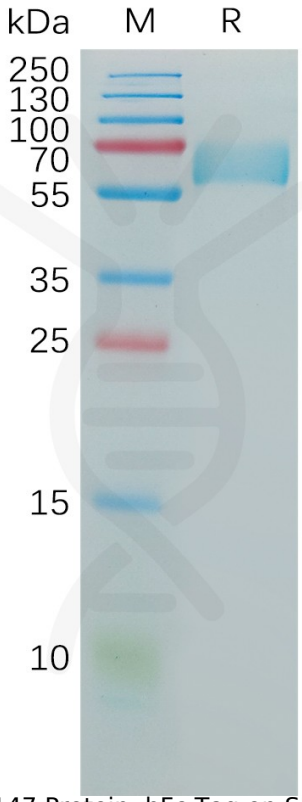


Figure 1. Human CD147 Protein, hFc Tag on SDS-PAGE under reducing condition.

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