

Human CellExp™ CD147, Human Recombinant

CATALOG #: 7455-10 10 µg
7455-50 50 µg

ALTERNATE NAMES: Basigin, BSG, 5F7, basigin isoform 2, collagenase stimulatory factor, extracellular matrix metalloproteinase inducer, EMMPRIN, Hepatoma-associated antigen, HAB18G, Leukocyte activation antigen M6, OK blood group antigen, Tumor cell-derived collagenase stimulatory factor, TCSF, NP_940991.1

SOURCE: HEK 293 cells (Ala 22 – His 205)

PURITY: ≥ 95% by SDS-PAGE gel

MOL. WEIGHT: This protein is fused with polyhistidine tag at the C-terminus, has a calculated MW of 21.6 kDa. The predicted N-terminus is Ala 22. DTT-reduced Protein migrates as 26-33 kDa due to glycosylation.

FORM: Lyophilized

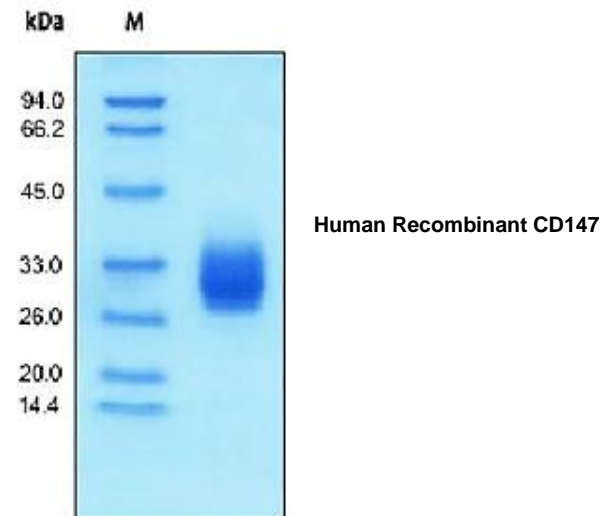
FORMULATION: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4 with 10% Trehalose.

STORAGE CONDITIONS: Store at -20 °C. After reconstitution, divide into aliquots and store at -20 °C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in sterile deionized water. Do not vortex. For extended storage, it is recommended to store at -20 °C.

DESCRIPTION: CD147, also known as Basigin (BSG), or extracellular matrix metalloproteinase inducer (EMMPRIN). The human basigin protein contains 269 amino acids that form two heavily glycosylated C2 type immunoglobulin-like domains at the N-terminal extracellular portion. A second form of basigin has also been characterized that contains one additional immunoglobulin-like domain in its extracellular portion. As members of the immunoglobulin superfamily, it plays fundamental roles in intercellular recognition involved in various immunologic phenomena, differentiation, and development.

Basigin also plays a role in intercellular recognition and regulate several distinct functions, such as spermatogenesis, expression of the monocarboxylate transporter and the responsiveness of lymphocytes. Basigin is a type I integral membrane receptor that has many ligands, including the cyclophilin (CyP) proteins Cyp-A and Cyp-B and certain integrins.



Related Products:

- Human CellExp™ CD223, human recombinant (Cat. No. 7278-10, -50)
- Human CellExp™ CD71, human recombinant (Cat. No. 7279-10, -50)
- Human CellExp™ CD273, human recombinant (Cat. No. 7369-10, -50)
- Human CellExp™ CD33, human recombinant (Cat. No. 7370-10, -50)
- Human CellExp™ CD36, human recombinant (Cat. No. 7371-10, -50)
- Human CellExp™ CD87, human recombinant (Cat. No. 7372-20, -100)
- Human CellExp™ CD360, human recombinant (Cat. No. 7373-20, -100)
- Human CellExp™ CD244, human recombinant (Cat. No. 7374-10, -50)
- Human CellExp™ CD304, human recombinant (Cat. No. 7375-10)
- Human CellExp™ CD319, human recombinant (Cat. No. 7376-10, -50)
- Human CellExp™ CD306, human recombinant (Cat. No. 7377-10, -50)
- Human CellExp™ CD84, human recombinant (Cat. No. 7378-10, -50)

FOR RESEARCH USE ONLY! Not to be used in humans.