

Recombinant Mouse CD147/Basigin Protein (His Tag)

Catalog No: RPES0032

Category: Recombinant Protein

Sequence Information

Species: Mouse

Sequence: Ala22-Arg325

Accession: NP_001070652.1

Tag: C-6His

Product Information

Synonyms: Basigin; Basic immunoglobulin superfamily; HT7 antigen; Membrane glycoprotein gp42; CD147; Bsg;AI115436;AI325119;EMMPRIN;HT-7

Source: Human Cells

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Formulation: Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

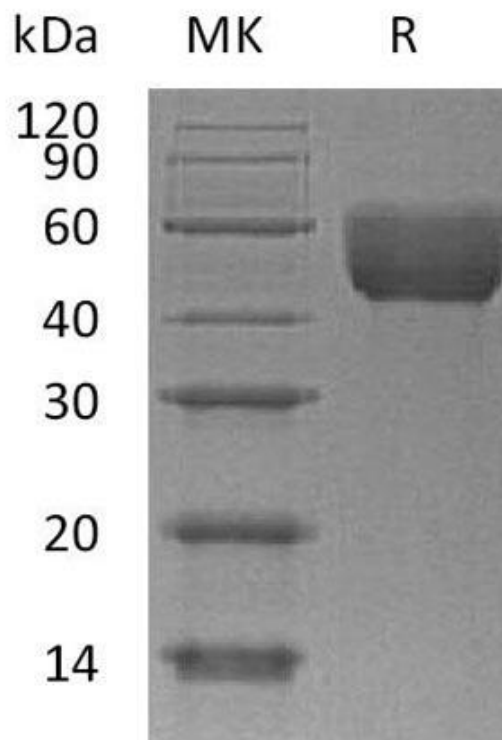
Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Background

Basigin/CD147 is a member of the immunoglobulin superfamily with homology to both the immunoglobulin V domain and MHC class II antigen beta-chain. This protein play important roles in variety of events including spermatogenesis, embryo implantation, neural network formation. CD147 induces the production and release of matrix metalloproteinases (MMP) in the surrounding mesenchymal cells and tumor cells, and thereby promotes invasion, metastasis, growth and survival of malignant cells. Furthermore, CD147 also serves as a receptor for extracellular cyclophilinthe and its association with integrins might be important in signal transduction. CD147 displays increased expression in many cancers, and it has been previously demonstrated to participate in cancer metastasis and progression.

Image



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