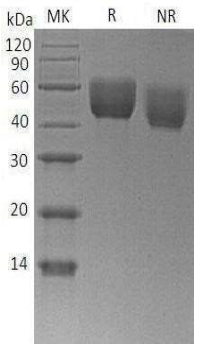
Recombinant Mouse Basigin

Catalog No: CP80

Description	Recombinant Mouse Basigin is produced by our Mammalian expression system and the target gene encoding Ala22-Arg325 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Basigin; Basic immunoglobulin superfamily; HT7 antigen; Membrane glycoprotein gp42; CD147; Bsg
Accession No.	P18572
Quality Control	Purity: >95% as determined by reducing SDS-PAGE. Endotoxin: <1.0 EU per μg
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
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.

SDS-PAGE



R. Reducing sample
NR. Non-reducing sample