

Product datasheet for **TP727561**

Bsg Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Basigin/CD147 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala22-Arg325
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	12215
UniProt ID:	P18572
Summary:	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.



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