

Basigin Recombinant Protein | BSG recombinant protein

Recombinant Human Basigin

CATALOG # AAA113431	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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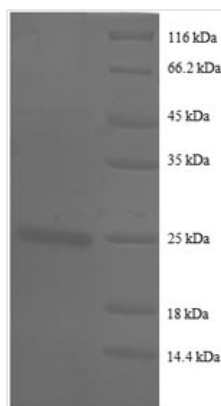
PRODUCT SYNONYMS

Basigin; Recombinant Human Basigin; 5F7; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; EMMPRIN; Leukocyte activation antigen M6OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; TCSF; CD147; BSG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	138-321aa; partial
Sequence	EPGTVFTTVE DLGSKILLTC SLNDSATEVT GHRWLKGGVV LKEDALPGQK TEFKVDSDDDQ WGEYSCVFLP EPMGTANIQL HGPPRVKAVK SSEHINEGET AMLVCKSESV PPVTDWAWYK ITDSEDKALM NGSESRRFFVS SSQGRSELHI ENLNMEADPG QYRCNGTSSK GSDQAITLR VRSH
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for BSG recombinant protein	Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Ses to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.
Product Categories/Family for BSG recombinant protein	Cancer

Human leukocyte activation antigen M6, a member of the Ig superfamily, is the species homologue of rat OX-47, mouse basigin, and chicken HT7 molecule. Kasinrerker W., Fiebigler E., Stefanova I., Baumruker T., Knapp W., Stockinger H.J. *Immunol.* 149:847-854(1992) The basigin group of the immunoglobulin superfamily complete conservation of a segment in and around transmembrane domains of human and mouse basigin and chicken HT7 antigen. Miyauchi T., Masuzawa Y., Muramatsu T.J. *Biochem.* 110:770-774(1991) The human tumor cell-derived collagenase stimulatory factor (renamed EMMPRIN) is a member of the immunoglobulin superfamily. Biswas C., Zhang Y., Decastro R., Guo H., Nakamura T., Kataoka H., Nabeshima K. *Cancer Res.* 55:434-439(1995) Wakasugi H., Scamps C., Yang G., Vancong N., Bernheim A., Tursz T., Harada N. Decastro R., Zhang Y., Kataoka H., Coon J., Biswas C. Characterization of the gene for human EMMPRIN, a tumor cell surface inducer of matrix metalloproteinases. 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NCBI AND UNIPROT INFORMATION

NCBI GI #	38372919
NCBI GeneID	682
NCBI Accession #	NP_001719.2
NCBI GenBank Nucleotide #	NM_001728.3
UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJW1; D3YLG5
Molecular Weight	24.2 kDa
NCBI Official Full Name	basigin isoform 1
NCBI Official Synonym Full Names	basigin (Ok blood group)
NCBI Official Symbol	BSG
NCBI Official Synonym Symbols	M6; OK; 5F7; TCSF; CD147; EMMPRIN
NCBI Protein Information	basigin
UniProt Protein Name	Basigin
UniProt Gene Name	BSG
UniProt Synonym Gene Names	EMMPRIN; TCSF
UniProt Entry Name	BASI_HUMAN

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