

Recombinant Human BSG, GST-tagged

Cat. No. BSG-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BSG full-length ORF (1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	55.6 kDa
AA Sequence	MAAALFVLLGFALLGTHGASGAAGTVFTTVEDLGSKILLTCSLNDSEVTGHRWLK GGVVLKEDALPGQKTEFK VDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKS SEHINE GETAMLVCKSESVPPVTDWAWYKITDSEDKA LMNGSESRRFFVSSSQGRS ELHIENLNMEADPGQYRCNGTSSKGSQDAITLRVRSHLAALWPFLGIVAEVLVLVT II FIYEKRRKPE DVLDDDDAGSAPLKSSGQHQNCKGKNVRQRNSS
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BSG basigin (Ok blood group) [Homo sapiens (human)]

Official Symbol BSG

Synonyms

BSG; M6; OK; 5F7; TCSF; CD147; EMMPRIN; basigin (Ok blood group); basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor

Gene ID 682

mRNA Refseq NM_198589

Protein Refseq NP_940991

MIM 109480

UniProt ID P35613

Chromosome Location 19p13.3

Pathway

Basigin interactions; Cell surface interactions at the vascular wall; Integrin cell surface interactions

Function mannose binding; protein binding

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