

## Recombinant Human BSG protein, His/Myc-tagged

Cat. No. BSG-205H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BSG protein(138-323aa) was fused to His/Myc-tagged at C-terminus and expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Partial
<b>Description</b>	The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	24.9 kDa
<b>AA Sequence</b>	EPGTVFTTVEDLGSKILLTCSLNDSEVTGHRWLKGGVVLKEDALPGQKTEFKVDS DDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPPV TDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTS SKGSDQAIITLRVRSILA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

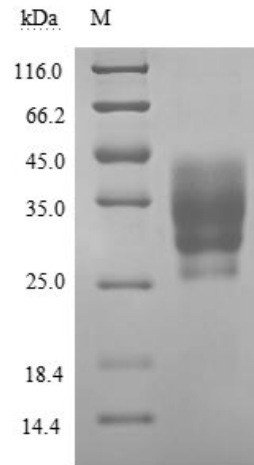
<b>Gene Name</b>	BSG
<b>Official Symbol</b>	BSG
<b>Synonyms</b>	5A11 antigen; 5F7; BASI_HUMAN; Basigin (Ok blood group); Basigin; Blood brain barrier HT7 antigen; Bsg; CD 147; CD147; CD147 antigen; Collagenase stimulatory factor; EMMPRIN; Extracellular matrix metalloproteinase inducer; Leukocyte activation antigen M6; M 6; M6; M6 leukocyte activation antigen; Neurothelin; OK; OK blood group; OK blood group antigen; TCSF; Tumor cell derived collagenase stimulatory factor; Tumor cell-derived collagenase stimulatory factor
<b>Gene ID</b>	682
<b>MIM</b>	109480
<b>UniProt ID</b>	P35613

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**SDS-PAGE of BSG-205H**



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