

## Recombinant Human BSG, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human BSG full-length ORF ( 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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.
<b>Molecular Mass</b>	55.6 kDa
<b>AA Sequence</b>	MAAALFVLLGFALLGTHGASGAAGTVFTTVEDLGSKILLTCSLNSATEVTGHRWLK GGVVLKEDALPGQKTEFK VDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKS SEHINE GETAMLVCKSESVPPVTDWAWYKITDSEDKA LMNGSESRFFVSSSQGRS ELHIENLNMEADPGQYRCNGTSSKGSQAIITLRVRSHLAALWPFLGIVAEVLVLVT II FIYEKRRKPE DVLDDDDAGSAPLKSSGQHQNCKGKNVRQRNSS
<b>Applications</b>	ELISA; WB-Re; AP; Array
<b>Storage</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

 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

**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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