

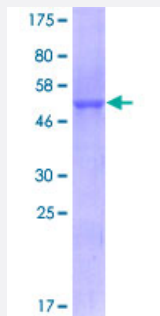
Full-Length

BSG (Human) Recombinant Protein (P01)

Catalog # H00000682-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BSG full-length ORF (NP_940991.1, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAALFVLLGFALLGTHGASGAAGTVFTTVEDLGSKILLTCSLNDSATEVTGHRWLKGGVVLKED
ALPGQKTEFKVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSE
SVPPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTSSKG
SDQAIITLRVRSHLAALWPFLGMAEVLVLVTIIFYEKRRKPEDVLDDDDAGSAPLKSSGQHQNDK
GKNVRQRNSS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BSG

Entrez GeneID	682
GeneBank Accession#	NM_198589.1
Protein Accession#	NP_940991.1
Gene Name	BSG
Gene Alias	5F7, CD147, EMMPRIN, M6, OK, TCSF
Gene Description	basigin (Ok blood group)
Omim ID	109480 111380
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CD147 antigen M6 leukocyte activation antigen OK blood group antigen basigin collagenase stimulatory factor extracellular matrix metalloproteinase inducer

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)