



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**BSG (Human) Recombinant Protein** HuPro®

Catalog # : H00000682-H01

規格 : [ 25 ug ]

[List All](#)

**Specification**

**Product Description:** Purified BSG (NP\_940991.1 22 a.a. - 207 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

**Transfected Cell Line:** Human HEK293T cells

**Sequence:** AAGTVFTTVEDLGSKILLTCSLNSATEVTVGHRWLKGGVVLKEDALPGQKTEFKVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLNMEADPGQYRCNGTSSKGSQAIITLRVRSILA

**Host:** Human

**Theoretical MW (kDa):** 23.21

**Form:** Liquid

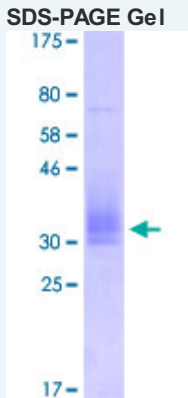
**Preparation Method:** Transfection of pSuper-BSG plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

**Purification:** *Strep*-Tactin affinity columns

**Concentration:** ≥ 10 ug/ml

**Activity:** Not Tested

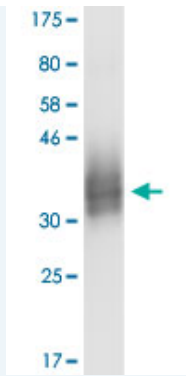
**Quality Control Testing:** SDS-PAGE and Western Blot



**Western Blot**

**Application Image**

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction



**Storage Buffer:** 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Datasheet:**  [Download](#)

### Applications

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction

### Gene Information

**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

### Related Disease

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