

RPPB2911

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## Product Information    Protein Information

**Product SKU:**

RPPB2911

**Accession:**

P35613

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

BSG produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 428 amino acids (22-207a.a.) and having a molecular mass of 47.5kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).BSG is expressed with a 242 amino acid hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Basigin isoform 2, 5F7, CD147, EMMPRIN, OK, TCSF, Leukocyte activation antigen M6, OK blood group antigen.

**Formulation:**

BSG protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

ADPAAGTVFT TVEDLGSKIL LTCSLNDSAT EVTGHRWLKG GVLKEDALP GQKTEFKVDS DDQWGEYSCV  
FLPEPMGTAN IQLHGPPRVK AVKSEHINE GETAMLVCKS ESVPPVTDWA WYKITDSEDK ALMNGSESRF  
FVSSQGRSE LHENLNMEA DPGQYRCNGT SSKGSDQAIITLRVSHLAL EPKSCDKTHT CPPCPPELL  
GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV  
LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS  
DIAVEWESNGQPENNYKTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP  
GKHHHHHH.