

## Recombinant Human BSG Protein, DYKDDDDK-tagged

Cat. No. BSG-271H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human basigin(Ok blood group)(BSG), transcript variant 1(NM_001728), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<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>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.257, without any preservatives.
<b>Molecular Mass</b>	40.2 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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## GENE INFORMATION

**Gene Name** BSG basigin (Ok blood group) [ Homo sapiens ]

**Official Symbol** BSG

**Synonyms** BSG; basigin (Ok blood group); basigin (OK blood group) , OK; basigin; CD147; EMMPRIN; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor; M6; OK; 5F7; TCSF;

**Gene ID** 682

**mRNA Refseq** NM\_001728

**Protein Refseq** NP\_001719

**MIM** 109480

**UniProt ID** P35613

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