

Recombinant Human BSG Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BSG-3338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BSG MS Standard C13 and N15-labeled recombinant protein (NP_940993) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	22.6 kDa
AA Sequence	MKQSDASPQERVDSDDQWGEYSCVFLPEPMGTANIQLHGPPRVKAVKSSEHINEG ETAMLVCKSESVPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQGRSELHIENLN MEADPGQYRCNGTSSKGSQDAITLVRSHLAALWPFLGIVAELVLVTIIFIYEKRRK PEDVLDDDDAGSAPLKSSGQHQNCKGKNVRQRNSSSGPTRTRRLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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_198591

Protein Refseq NP_940993

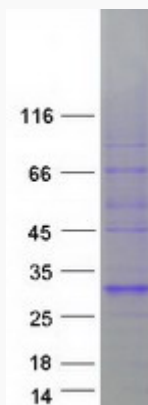
MIM 109480

UniProt ID P35613

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SDS-PAGE

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