

# Recombinant Mouse Bsg Protein, C-Myc/DDK-tagged

## Product Information

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<b>Cat</b>	IMP-6980
<b>Official Symbol</b>	Bsg
<b>Product Overview</b>	Purified recombinant protein of Mouse basigin (cDNA clone MGC: 8125 IMAGE: 3589236), complete cds, with C-terminal Myc/DDK tag, expressed in HEK293T cells.
<b>Description</b>	Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3, SLC16A8, SLC16A11 and SLC16A12 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.[UniProtKB/Swiss-Prot Function]
<b>Expression System</b>	HEK293T
<b>Species</b>	Mouse
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	47.2 kDa
<b>AA Sequence</b>	MAAALLLALAFTLLSGQGACAAAGTIQTSVQEVNSKTQLTCSLNSSGVDIV GHRWMRGGKVLQEDTLPDLHTKYIVDADDRSGEYSCIFLPEPVGRSEINV EGPPRIKVGKKSEHSSEGELAKLVCKSDASYPPITDWFVKTSDTGEEEA ITNSTEANGKYVVVSTPEKSQTLTISNLDVNVDPGTYVCNATNAQGTTRETI SLRVRSRMAALWPFLGIVAEVLVLVTIIFIYEKRRKPDQTLDEDDPGAAPLK GSGTHMNDKDKNVRQRNATTRTRPLEQKLISEEDLAANDILDYKDDDDK V
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade after receiving vials. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	> 50 µg/mL as determined by microplate BCA method.