



Recombinant Bovine Basigin (BSG)

Product Code	CSB-EP771275BO
Abbreviation	BSG
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q865R3
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	AAGTVFTTV EDLGSKILLT CSLNDSATEV TGHRWLKGGV VLKEDALPGQ KTEFKVDSDD QWGEYSCVFL PEPMGTTANIQ LHGPPRVKAV KSSEHINEGE TAMLVCKSES VPPVTDWAWY KITDSEDKAL MNGSESRRFFV SSSQGRSELH IENLNMEADP GQYRCNGTSS KGSDQAIITL RVRSH
Source	E.coli
Target Names	BSG
Protein Names	Recommended name: Basigin Alternative name(s): EMMPRIN CD_antigen=CD147
Expression Region	22-205
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.