

Recombinant Rat Bsg protein, His & T7-tagged

Cat. No. Bsg-7098R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Bsg aa. (Glu59~Val321 (Accession # P26453)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu59~Val321
Description	MRC OX-47 antigen that is upregulated on activated lymphocytes; member of the immunoglobulin superfamily.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

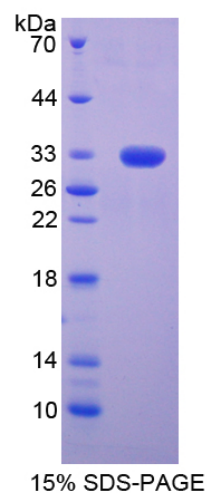
GENE INFORMATION

Gene Name	Bsg basigin [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Bsg
Synonyms	Bsg; basigin; CE9; HT7; 5A11; Ox47R; EMMPRIN; basignin; Basigin (Ox47 antigen or CE-9) (EMMPRIN in human) (neurothelin HT7 or 5A11 in avian); Basignin (Ox47 antigen or CE-9) (EMMPRIN in human) (neurothelin HT7 or 5A11 in avian); OX-47 antigen; basigin (Ok blood group); glycoprotein CE9; neurothelin
Gene ID	25246
mRNA Refseq	NM_001109882.1
Protein Refseq	NP_001103352.1
UniProt ID	P26453

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SDS-PAGE

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