

## Recombinant Mouse Bcam protein(Met1-Ala541), hFc-tagged

Cat. No. Bcam-6869M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse BCAM (Q9R069) (Met 1-Ala 541) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-541 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of HOS human osteogenic sarcoma cells. When cells are added to coated plates(5 µg/mL, 100µL/well), approximately 30-70% will adhere after 1 hour at 37°C.
<b>Molecular Mass</b>	The secreted recombinant mouse BCAMFc is a disulfide-linked homodimer. The reduced monomer comprises 757 amino acids and has a calculated molecular mass of 84 kDa. As a result of glycosylation, the apparent molecular mass of rmBCAM/Fc monomer is approximately 95-105 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 92 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Bcam basal cell adhesion molecule [ *Mus musculus* ]

**Official Symbol** Bcam

**Synonyms** BCAM; basal cell adhesion molecule; lutheran antigen; Auberger b antigen; Lutheran blood group; lutheran glycoprotein; B-CAM cell surface glycoprotein; Lu; Gplu; B-CAM; 1200005K12Rik;

**Gene ID** 57278

**mRNA Refseq** NM\_020486

**Protein Refseq** NP\_065232

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