

## Active Recombinant Rat Bcam protein, His-tagged

**Cat. No.** Bcam-7466R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Bcam protein(Q9ESS6)(Met1-Ala543), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala543
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<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(10 µg/mL,100µL/well), approximately 20-50% will adhere after 1 hour at 37°C.
<b>Molecular Mass</b>	The recombinant rat BCAM comprises 529 amino acids and predicts a molecular mass of 58.2 kDa. The apparent molecular mass of the recombinant protein is approximately 68 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % 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 [ *Rattus norvegicus* ]

**Official Symbol** Bcam

**Synonyms** BCAM; basal cell adhesion molecule; lutheran antigen; B-CAM cell surface glycoprotein; Lutheran blood group (Auberger b antigen included); Lu;

**Gene ID** 78958

**mRNA Refseq** NM\_031752

**Protein Refseq** NP\_113940

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