

Active Recombinant Rat Bcam protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Bcam protein(Q9ESS6)(Met1-Ala543), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala543
Form	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.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 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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