

Active Recombinant Human BCAM, Fc Chimera

Cat. No. BCAM-502H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCAM (Accession # CAA58449) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Glu32
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of TE-85 human osteogenic sarcoma cells. When 5×10^4 cells/well are added to human BCAM/Fc coated plates (25 µg/mL with 100 µL/well), approximately 40 - 80% will adhere after 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human BCAM, Fc Chimera has a calculated MW of 83.7 kDa (monomer). In SDS-PAGE migrates as 110-120 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name BCAM basal cell adhesion molecule (Lutheran blood group) [Homo sapiens]

Official Symbol BCAM

Synonyms BCAM; basal cell adhesion molecule (Lutheran blood group); basal cell adhesion molecule (Lu and Au blood groups) , LU, Lutheran blood group (Auberger b antigen included); basal cell adhesion molecule; CD239; F8/G253 antigen; lutheran antigen; Auberger b antigen; glycoprotein 95kDa; B-cell adhesion molecule; B-CAM cell surface glycoprotein; lutheran blood group glycoprotein; antigen identified by monoclonal F8; basal cell adhesion molecule (Lu and Au blood groups); AU; LU; MSK19;

Gene ID 4059

mRNA Refseq NM_001013257

Protein Refseq NP_001013275

MIM 612773

UniProt ID P50895

Chromosome Location 19q12-q13

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