

Recombinant Human BCAM

Cat. No. BCAM-27252TH **Lot. No.** (See product label)

SPECIFICATION

| | |
|---------------------------|--|
| Product Overview | Recombinant fragment of Human CD239 with N terminal proprietary tag; Predicted MW 36.63 kDa |
| Species | Human |
| Source | Wheat Germ |
| ProteinLength | 100 amino acids |
| Description | Lutheran blood group glycoprotein is a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five, N-terminus, extracellular immunoglobulin domains, a single transmembrane domain, and a short, C-terminal cytoplasmic tail. This protein may play a role in epithelial cell cancer and in vaso-occlusion of red blood cells in sickle cell disease. Two transcript variants encoding different isoforms have been found for this gene. |
| Molecular Weight | 36.630kDa inclusive of tags |
| Tissue specificity | Wide tissue distribution (highest in the pancreas and very low in brain). Closely associated with the basal layer of cells in epithelia and the endothelium of blood vessel walls. |
| Form | Liquid |
| Purity | Proprietary Purification |

 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

| | |
|---------------------------------|--|
| Storage buffer | pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |
| Sequences of amino acids | EVRLSVPPLVEVMRGKSVILDCTPTGTHDHYLEWFLTDRSGARPRLASAEMQGSE LQVTMHDTRGRSPPYQLDSQGRLVLAEAQVGDERDYVCVVRAGA |
| Sequence Similarities | Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 Ig-like V-type (immunoglobulin-like) domains. |

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; |
| Gene ID | 4059 |
| mRNA Refseq | NM_001013257 |
| Protein Refseq | NP_001013275 |
| MIM | 612773 |
| Uniprot ID | P50895 |

 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



| | |
|----------------------------|--|
| Chromosome Location | 19q12-q13 |
| Function | laminin binding; laminin receptor activity; transmembrane signaling receptor activity; |

 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