Recombinant Human BCAM Protein, GST-tagged

Cat. No. BCAM-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCAM partial ORF (NP_005572, 32 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	EVRLSVPPLVEVMRGKSVILDCTPTGTHDHYMLEWFLTDRSGARPRLASAEMQGSE LQVTMHDTRGRSPPYQLDSQGRLVLAEAQVGDERDYVCVVRAGA
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

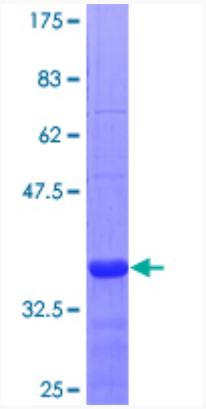
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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