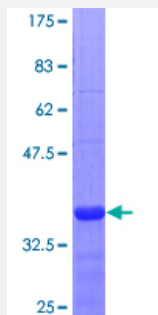


BCAM (Human) Recombinant Protein (Q01)

Catalog # H00004059-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BCAM partial ORF (NP_005572, 32 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EVRLSVPLVEVMRGKSVILDCTPTGTHDHMLEWFLTDRSGARPLASAE MQGSELQV TMHDT RGRSPPYQLDSQGRLVLAE AQVGDERDYVCVVRAGA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (65); Rat (67)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BCAM

Entrez GeneID [4059](#)

GeneBank Accession# [NM_005581](#)

Protein Accession# [NP_005572](#)

Gene Name BCAM

Gene Alias AU, CD239, LU, MSK19

Gene Description basal cell adhesion molecule (Lutheran blood group)

Omim ID [111200](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Auberger b antigen|B-CAM cell surface glycoprotein|B-cell adhesion molecule|F8/G253 antigen|Lutheran blood group (Auberger b antigen included)|antigen identified by monoclonal antibody F8|basal cell adhesion molecule|basal cell adhesion molecule (Lu and A

Disease

- [Cardiovascular Diseases](#)