

Recombinant Human BCAM Protein, MYC/DDK-tagged

Cat. No. BCAM-2369H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant human BCAM protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293 |
| Species | Human |
| Source | HEK293 |
| Description | <p>This gene encodes Lutheran blood group glycoprotein, a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five 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. Polymorphisms in this gene define some of the antigens in the Lutheran system and also the Auberger system. Inactivating variants of this gene result in the recessive Lutheran null phenotype, Lu(a-b-), of the Lutheran blood group. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]</p> |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 64.2 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

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GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | BCAM basal cell adhesion molecule (Lutheran blood group) [Homo sapiens] |
| Official Symbol | BCAM |
| Synonyms | AU; CD239; LU; MSK19 |
| Gene ID | 4059 |
| mRNA Refseq | NM_001013257 |
| Protein Refseq | NP_001013275 |
| MIM | 612773 |
| UniProt ID | P50895 |

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