9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13051: BCAM Human

Alternative Name :	Basal cell adhesion molecule isoform 1, BCAM, AU, CD239, LU, MSK19, Auberger B antigen, B-CAM cell surface glycoprotein, F8/G253 antigen, Lutheran antigen, Lutheran blood group glycoprotein, CD_antigen: CD239, LU, MSK19.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Basal Cell Adhesion Molecule (BCAM) which is a product of alternate splicing of the Lutheran blood group molecule is a part of the immunoglobulin superfamily. BCAM contains five extracellular immunoglobulin domains, a single transmembrane domain, and a short C-terminal cytoplasmic tail. BCAM protein is upregulated following malignant transformation of some cell types in vivo and in vitro. Furthermore, BCAM interacts with integrin in sickle red cells, and participates in vasoocclusive episodes.
BCAM produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 755 amino acids (32-547a.a.) and having a molecular mass of 83.2kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). BCAM is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	BCAM protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4), and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	EVRLSVPPLV EVMRGKSVIL DCTPTGTHDH YMLEWFLTDR SGARPRLASA EMQGSELQVT MHDTRGRSPP YQLDSQGRLV LAEAQVGDER DYVCVVRAGA AGTAEATARL NVFAKPEATE VSPNKGTLSV MEDSAQEIAT CNSRNGNPAP KITWYRNGQR LEVPVEMNPE GYMTSRTVRE ASGLLSLTST LYLRLRKDDR DASFHCAAHY SLPEGRHGRL DSPTFHLTLH YPTEHVQFWV GSPSTPAGWV REGDTVQLLC RGDGSPSPEY TLFRLQDEQE EVLNVNLEGN LTLEGVTRGQ SGTYGCRVED YDAADDVQLS KTLELRVAYL DPLELSEGKV LSLPLNSSAV VNCSVHGLPT PALRWTKDST PLGDGPMLSL SSITFDSNGT YVCEASLPTV PVLSRTQNFT LLVQGSPELK TAEIEPKADG SWREGDEVTL ICSARGHPDP KLSWSQLGGS PAEPIPGRQG WVSSSLTLKV TSALSRDGIS CEASNPHGNK RHVFHFGTVS PQTSQAVEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQÂ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.