

BCA-1 Mouse

*BCA-1/BLC Mouse Recombinant (CXCL13)
CHK0004*

Product Overview

Name BCA-1 Mouse

Description

BCA-1/BLC Mouse Recombinant (CXCL13)

Accession (Primary) [O55038](#)

Synonyms

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.

Introduction

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.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

BCAM protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4), and 10% glycerol.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

EVRLSVPPLV EVMRGKSVIL DCTPTGTHDH YMLEWFLTDR SGARPRLASA EMQGSELQVT MHDTRGRSPP
YQLDSQGRLV LAAEAQVGDER DYVCVVRAGA AGTAEATARL NVFAKPEATE VSPNKGTLSV MEDSAQEIA

CNSRNGNPAP KITWYRNGQR LEVPVEMNPE GYMTSRTVRE ASGLLSLTST LYLRLRKDDR DASFHCAAHY
SLPEGRHGRL DSPTFHLLH YPTEHVQFWV GSPSTPAGWV REGDTVQLLC RGDGSPSPEY TLFRLQDEQE
EVLVNVNLEGN LTLEGVTRGQ SGTYGCRVED YDAADDVQLS KTLELRVAYL DPLELSEGKV LSLPLNSSAV
VNCSVHGLPT PALRWTKDST PLGDGPMLSL SSITFDSNGT YVCEASLPTV PVLSRTQNFT LLVQGSPELK
TAEIEPKADG SWREGDEVTL ICSARGHPDP KLSWSQLGGS PAEPIPGRQG WVSSSLTLKV TSALSRDGIS
CEASNPHGNK RHVFHFGTVS PQTSQA VEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE
VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVSVLTV LHQDWLNGKE YKCKVSNKAL
PAPIEKTIK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTPPPVL
DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.

Precautions

BCA-1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([O55038](#))