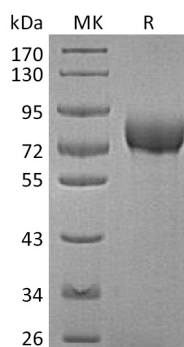


概述 (Summary)

英文全称	BCAM/Basal Cell Adhesion Molecule
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Basal Cell Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Glu32-Ala547 is expressed with a 6His tag at the C-terminus.
Accession #	P50895
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	57 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human BCAM (C-6His)
Catalog #: PHH0134



背景 (Background)

分子别名 (Alternative Names)

Basal cell adhesion molecule; Aubberger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; CD239; BCAM; LU; MSK19

背景介绍 (References)

Basal cell adhesion molecule (BCAM, CD239) is an immunoglobulin superfamily protein that arises from alternate splicing of the Lutheran blood group molecule (Lu). The ECD of human BCAM contains two Ig-like V-type domains and three Ig-like C2-type domains. It shares 73% aa sequence identity with the ECDs of mouse and rat BCAM. BCAM is widely expressed in epithelial and endothelial tissues including in the vasculature, kidney glomerulus, small intestine, colon, hair follicle outer root sheath, and basal keratinocytes of the skin during inflammation. BCAM is also expressed on vascular and visceral smooth muscle cells and at the neuromuscular junction of skeletal muscle. BCAM is upregulated on carcinomas, particularly ovarian, sarcomas, astrocytomas, and melanomas. It may mediate intracellular signaling. It cooperates with Integrins $\beta 1$ and $\alpha V\beta 3$ as an adhesion receptor for Laminins which contain the $\alpha 5$ chain. The Lutheran isoform is aberrantly phosphorylated in erythroid disorders and can enhance Laminin-mediated adhesion of erythrocytes to vascular endothelial cells.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.