

HUMAN BCAM PROTEIN, HIS TAG

货号: 11809

产品全名: 人 BCAM 蛋白

规格: 10/50/100 µg

基因符号 AU;CD239;LU;MSK19

目标蛋白: BCAM

UNIPROT ID: P50895

描述: Recombinant human BCAM protein with C-terminal 6xHis tag

背景: 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]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 57.0 kDa after removal of the signal peptide. The apparent molecular mass of BCAM-His is approximately 55-100 kDa due to glycosylation.

分子特征: BCAM(Glu32-Ala547) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

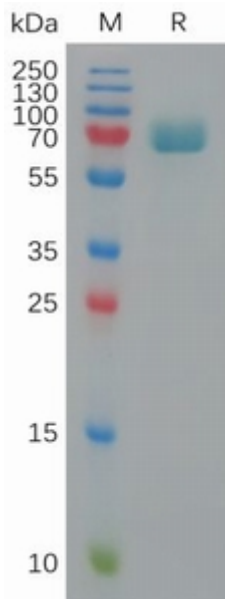


Figure 1. Human BCAM Protein, His Tag on SDS-PAGE under reducing condition.