# ABclonal® www.abclonal.com

## **Recombinant Human BCAM/CD239 Protein**

Catalog No.: RP00425 Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot Human 4059 P50895

**Tags** 

C-His

**Synonyms** 

LU; MSK19; Gplu; CD239; Lutheran;

## **Product Information**

Source Purification

HEK293 cells  $\geq$  95 % as determined by SDS-

PAGE;≥ 95 % as determined by

HPLC.

Calculated MW Observed MW

57.32 kDa 70-80 kDa

**Endotoxin** 

< 1 EU/µg of the protein by LAL method.

## **Formulation**

Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

## Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

#### **Contact**

 6
 400-999-6126

 ∞
 cn.market@abclonal.com.cn

## **Background**

Lutheran/basal cell adhesion molecule (Lu/BCAM) is a transmembrane adhesion molecule expressed by erythrocytes and endothelial cells that can interact with the extracellular matrix protein laminin- $\alpha$ 5. In sickle cell disease, Lu/BCAM is thought to contribute to adhesion of sickle erythrocytes to the vascular wall, especially during vaso-occlusive crises.

#### **Basic Information**

## **Description**

Recombinant Human BCAM/CD239 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu32-Ala547) of Human BCAM/CD239 (Accession #P50895) fused with a C-His tag at the C-terminus.

#### **Bio-Activity**

#### **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

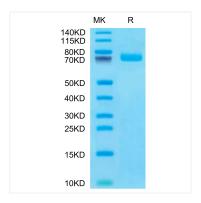
After reconstitution, the protein solution is stable at -20  $^{\circ}$ C for 3 months, at 2-8  $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

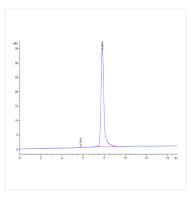
#### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

## **Validation Data**



Recombinant Human BCAM/CD239 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human BCAM is greater than 95% as determined by SEC-HPLC.