

Product datasheet

Recombinant Human BST2 protein ab109848

1 图像

概述

产品名称	重组人BST2蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession	Q10589
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMSEACRDGLRAVMECRNVTHLLQQELTEAQ KGFQDVEAQAATCNHTVMALMASLDAEKAQGQKKVEELEGEITTLNHKLQ DASAEVERLRRENQVLSVRIADKKYYPSSQDSS
分子量	15 kDa including tags
氨基酸	50 to 161
标签	His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab109848** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
纯度	> 80 % SDS-PAGE.
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

常规信息

功能

May be involved in the sorting of secreted proteins (By similarity). May be involved in pre-B-cell growth. Antiretroviral defense protein, that blocks release of retrovirus from the cell surface. Depleted upon HIV-1 infection by viral VPU protein through 20S proteasome degradation. Depleted upon infection by human Kaposi's sarcoma-associated herpesvirus (KSHV) through ubiquitination and subsequent degradation. May play a role in B-cell activation in rheumatoid arthritis.

组织特异性

Predominantly expressed in liver, lung, heart and placenta. Lower levels in pancreas, kidney, skeletal muscle and brain. Overexpressed in multiple myeloma cells. Highly expressed during B-cell development, from pro-B precursors to plasma cells. Highly expressed on T-cells, monocytes, NK cells and dendritic cells (at protein level).

序列相似性

Belongs to the tetherin family.

结构域

The extracellular coiled coil domain is important for virus retention at the cell surface and prevention of virus spreading.

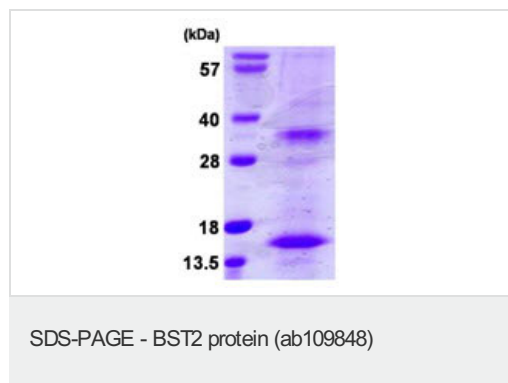
翻译后修饰

Monoubiquitinated by KSHV E3 ubiquitin-protein ligase K5, leading to its targeting to late endosomes and degradation.

细胞定位

Golgi apparatus > trans-Golgi network. Cell membrane. Cell membrane. Late endosome. Targeted to late endosomes upon KSHV infection and subsequent ubiquitination. Targeted to the trans-Golgi network by viral VPU protein.

图片



15% SDS-PAGE analysis of ab109848 (3 µg).

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