abcam

Product datasheet

Recombinant Human VPS29 protein ab124582

1 图像

描述

产品名称 重组人VPS29蛋白

纯**度** > 90 % SDS-PAGE.

ab124582 is purified using conventional chromatography techniques.

表达系统 Escherichia coli

Accession Q9UBQ0

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHH SSGLVPRGSH MGSHMMLVLV

LGDLHIPHRC NSLPAKFKKL LVPGKIQHIL
CTGNLCTKES YDYLKTLAGD VHIVRGDFDE
NLNYPEQKVV TVGQFKIGLI HGHQVIPWGD
MASLALLQRQ FDVDILISGH THKFEAFEHE
NKFYINPGSA TGAYNALETN IIPSFVLMDI
OASTVVTYVY OLIGDDVKVE RIEYKKP

预测分子量 23 kDa including tags

氨基酸 1 to 182

标签 His tag N-Terminus

技术指标

Our Abpromise guarantee covers the use of ab124582 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

形式 Liquid

制备和贮存

1

稳定性和存储

Shipped at 4°C . Upon delivery aliquot and store at -20 $^{\circ}\text{C}$ or -80 $^{\circ}\text{C}$. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCI, 40% Glycerol (glycerin, glycerine), 0.88% Sodium

chloride

常规信息

功能 Essential component of the retromer complex, a complex required to retrieve lysosomal enzyme

receptors (IGF2R and M6PR) from endosomes to the trans-Golgi network. Also required to regulate transcytosis of the polymeric immunoglobulin receptor (plgR-plgA). Has low protein phosphatase activity towards a serine-phosphorylated peptide derived from IGF2R (in vitro).

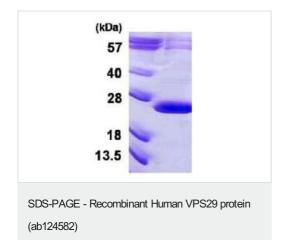
组织特异性 Ubiquitous. Highly expressed in heart, lung, placenta, spleen, peripheral blood leukocytes, thymus,

colon skeletal muscle, kidney and brain.

序列相似性 Belongs to the VPS29 family.

细**胞定位** Cytoplasm. Membrane. Endosome membrane.

图片



15% SDS-PAGE showing ab124582 at approximately 23.2kDa ($3\mu g$).

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