

Recombinant Human CHMP1a protein ab139206

1 图像

描述

产品名称	重组人CHMP1a蛋白
纯度	> 85 % SDS-PAGE. ab139206 was purified by using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>Q9HD42</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHH SSGLVPRGSH MGSMDDTLFQ LKFTAKQLEK LAKKAEKDSK AEQAKVKKAL LQKNVECARV YAENAIRKKN EGVNWLRMAS RVDAVASKVQ TAVTMKGVTK NMAQVTKALD KALSTMDLQK VSSVMDRFEQ QVQNLDVHTS VMEDSMSSAT TLTPPEQVD SLIMQIAEEN GLEVLQQLSQ LPEGASAVGE SSVRSQEDQL SRRLAALRN </pre>
预测分子量	24 kDa including tags
氨基酸	1 to 196
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab139206** in the following tested applications.

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

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
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.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Probable peripherally associated component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. The MVB pathway appears to require the sequential function of ESCRT-O, -I, -II and -III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses (HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4. Involved in cytokinesis. Involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells. May also be involved in chromosome condensation. Targets the Polycomb group (PcG) protein BMI1/PCGF4 to regions of condensed chromatin. May play a role in stable cell cycle progression and in PcG gene silencing.

组织特异性

Expressed in placenta, cultured skin fibroblasts and in osteoblast cell line MG-63.

序列相似性

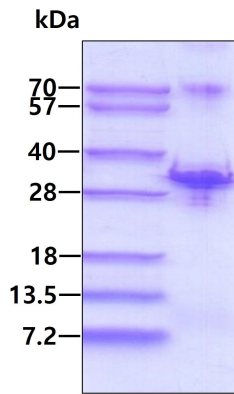
Belongs to the SNF7 family.

细胞定位

Cytoplasm. Endosome membrane. Nucleus matrix. The cytoplasmic form is partially membrane-associated and localizes to early endosomes. The nuclear form remains associated with the chromosome scaffold during mitosis. On overexpression, it localizes to nuclear bodies characterized by nuclease-resistant condensed chromatin.

图片

15% SDS-PAGE analysis of ab139206 (3µg)



SDS-PAGE - Recombinant Human CHMP1a protein
(ab139206)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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