

Recombinant Human CHMP6/VPS20 protein ab124606

画像数 1

製品の詳細

製品名	Recombinant Human CHMP6/VPS20 protein
精製度	> 95 % SDS-PAGE. ab124606 is purified by using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q96FZ7</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHH SSGLVPRGSH MGSHMGNLFG RKKQSRVTEQ DKAILQLKQQ RDKLRQYQKR IAQQLERERA LARQLLRDGR KERAKLLKK KRYQEQLLDR TENQISSLEA MVQSIEFTQI EMKVMGLQF GNECLNKMHQ VMSIEEVERI LDETQEAVEY QRQIDELLAG SFTQEDEDI LEELSAITQE QIELPEVPSE PLPEKIPENV PVKARPRQAE LVAAS
予測される分子量	26 kDa including tags
領域	1 to 201
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab124606** in the following tested applications.

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

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	This product was previously labelled as CHMP6

前処理および保存

保存方法および安定性

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: 0.03% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

関連情報

機能

Probable core 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. In the ESCRT-III complex, it probably serves as an acceptor for the ESCRT-II complex on endosomal membranes.

組織特異性

Ubiquitously expressed.

配列類似性

Belongs to the SNF7 family.

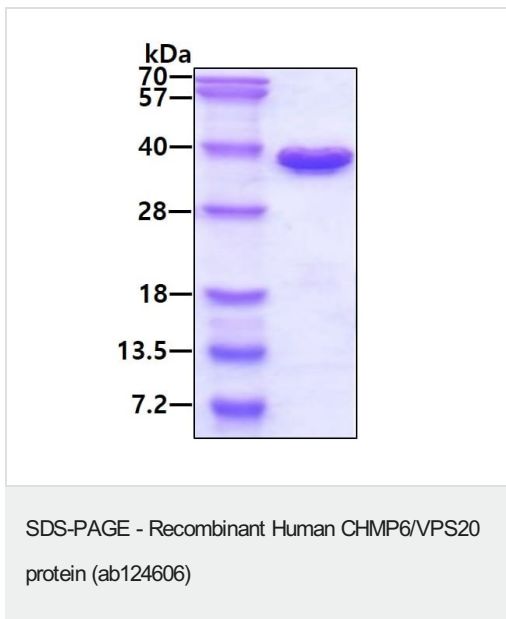
ドメイン

The acidic C-terminus and the basic N-terminus are thought to render the protein in a closed, soluble and inactive conformation through an autoinhibitory intramolecular interaction. The open and active conformation, which enables membrane binding and oligomerization, is achieved by interaction with other cellular binding partners, probably including other ESCRT components.

細胞内局在

Endomembrane system. Endosome membrane. Late endosome membrane. Localizes to endosomal membranes.

画像



3µg by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

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