

# Recombinant Human CHMP1B protein ab126679

**1 References** [画像数 1](#)

### 製品の詳細

製品名	Recombinant Human CHMP1B protein
精製度	> 85 % SDS-PAGE. ab126679 is purified by using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>Q7LBR1</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p><b>MGSSHHHHHH SSGLVPRGSH MGSMSNMEK</b></p> <p>HLFNLKFAAK ELSRSAKKCD KEEKAEKAKI</p> <p>KKAIQKGNME VARIHAENAI RQKNQAVNFL</p> <p>RMSARVDAVA ARVQTAVTMG KVTKSMAGVV</p> <p>KSMDATLKTML NLEKISALMD KFEHQFETLD</p> <p>VQTQQMEDTM SSTTTLTTPQ NQVDMLLQEM</p> <p>ADEAGLDLNM ELPQGQTGSV TSVASAEQD ELSQRLARLR</p> <p>DQV</p>
予測される分子量	25 kDa including tags
領域	1 to 199
タグ	His tag N-Terminus

### 特性

Our **Abpromise guarantee** covers the use of **ab126679** 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	Mass Spectrometry
	SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid

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

## 関連情報

### 機能

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 and SPAST to the midbody of dividing cells. Involved in HIV-1 p6- and p9-dependent virus release.

### 組織特異性

Widely expressed. Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta and brain.

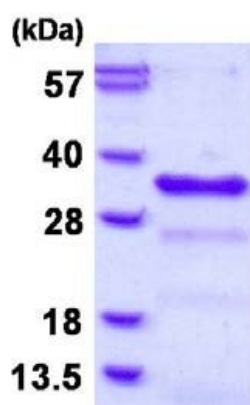
### 配列類似性

Belongs to the SNF7 family.

### 細胞内局在

Cytoplasm > cytosol. Endosome. Late endosome membrane. Localizes to the midbody of dividing cells, colocalizing with CEP55 and CHMP5. Localized at the periphery of the Fleming body.

## 画像



15% SDS-PAGE showing ab126679 (3 µg). Please note:  
Molecular weight on SDS-PAGE will appear higher.

SDS-PAGE - Recombinant Human CHMP1B protein  
(ab126679)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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