

Recombinant Human AP1S2 protein ab108122

1 图像

描述	
产品名称	重组人AP1S2蛋白
纯度	> 85 % SDS-PAGE. ab108122 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P56377</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMQFMLLSRQGKLRRLQKWYV PLSDKEKKKI TRELVQTVLARKPKMCSFLEWRDLKIVYKRYASLYFCCAIED QDNELITL EIIHRYVELLDKYFGSVCELDIIFNFEKAYFILDEFLLGGEV QETSKKNV LKAIEQADLLQEEAETPRSVLEEIGLT
预测分子量	21 kDa including tags
氨基酸	1 to 157
标签	His tag N-Terminus
技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab108122 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	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

组织特异性

Widely expressed.

疾病相关

Defects in AP1S2 are the cause of mental retardation X-linked type 59 (MRX59) [MIM:300630]. It is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. In contrast to syndromic or specific X-linked mental retardation which also present with associated physical, neurological and/or psychiatric manifestations, intellectual deficiency is the only primary symptom of non-syndromic X-linked mental retardation. MRX59 consists of a mild-to-profound mental retardation. Other features includes hypotonia early in life and delay in walking.

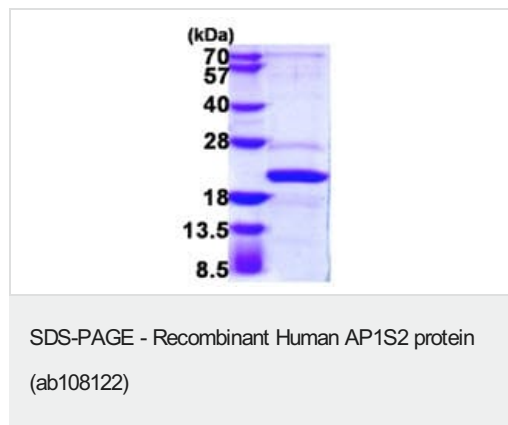
序列相似性

Belongs to the adaptor complexes small subunit family.

细胞定位

Golgi apparatus. Cytoplasmic vesicle membrane. Membrane > clathrin-coated pit. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

图片



15% SDS-PAGE analysis of 3µg ab108122.

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