abcam

Product datasheet

Recombinant Human M6PR (cation dependent) protein - BSA and Azide free ab180308

1 Image

Description

Product name	Recombinant Human M6PR (cation dependent) protein - BSA and Azide free
Purity	> 85 % SDS-PAGE. ab180308 was purified by using conventional chromatography techniques..
Expression system	Escherichia coli
Accession	P20645
Protein length	Protein fragment
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSTEEKTCDLVGEKGKE SEKELALVKRLK PLFNKSFESTVGQGSDTYIYIFRVCREAGNHTSGAGLVQIN KSNGKETVV GRLNETHIFNGSNWIMLIYKGGDEYDNHCGKEQRRAVVMIS CNRHTLADN FNPVSEERGKVQDCFYLFEMDSSLACSPEISH
Predicted molecular weight	20 kDa including tags
Amino acids	27 to 185
Tags	His tag N-Terminus
Additional sequence information	NP_002346
Description	Recombinant Human M6PR (cation dependent) protein (BSA and azide free)

Specifications

Our **Abpromise guarantee** covers the use of **ab180308** in the following tested applications.

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

Applications	SDS-PAGE
Mass spectrometry	MALDI-TOF

Form	Liquid

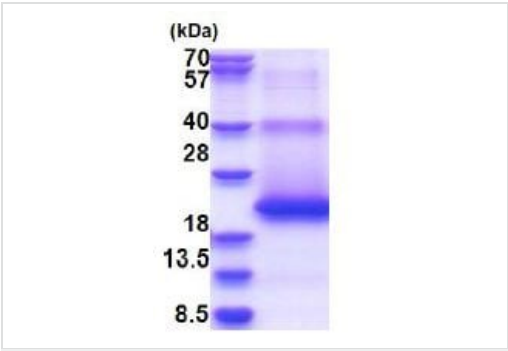
Preparation and Storage

Stability and Storage	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: 0.32% Tris HCl, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT

General Info

Function	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelyosomal compartment where the low pH mediates the dissociation of the complex.
Domain	The extracellular domain is homologous to the repeating units (of approximately 147 AA) of the cation-independent mannose 6-phosphate receptor.
Cellular localization	Lysosome membrane.

Images



SDS-PAGE - Recombinant Human M6PR (cation dependent) protein (BSA and azide free) (ab180308)

15% SDS-PAGE analysis of ab180308 (3 µg).

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

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