

Product datasheet

Recombinant Human M6PR (cation dependent) protein ab80157

[1 Image](#)

Description

Product name	Recombinant Human M6PR (cation dependent) protein	
Expression system	Escherichia coli	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MFPFYSCWRTGLLLLLLAVAVRESWQTEEKTCDLVGEKG KESEKELALVK RLKPLFNKSF	
Amino acids	1 to 60	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab80157** in the following tested applications.

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

Applications	Western blot
	ELISA
	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: PBS
Reconstitution	Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml.

General Info

Function	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to
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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 prelysosomal compartment where the low pH mediates the dissociation of the complex.

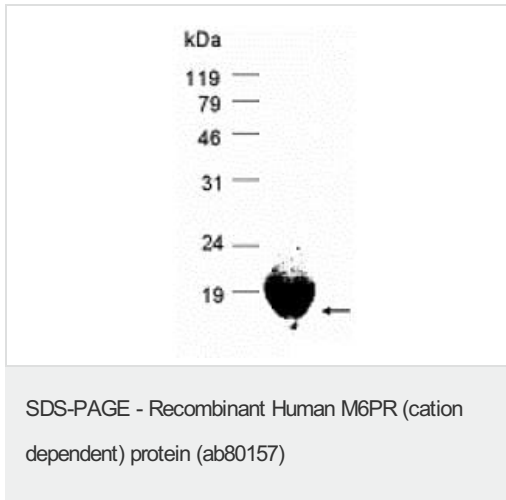
Domain

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



20% SDS PAGE showing ab80157 at approximately 12 kDa.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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