

Datasheet for ABIN1608018

**M6PR Protein (AA 1-277, full length) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	1 mg
Target:	M6PR
Protein Characteristics:	AA 1-277, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This M6PR protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	MFPPFYSCWRT GLLLLLLAVA VRESWQTEEK TCDLVGEKGK ESEKELALVK RLKPLFNKSF ESTVGQGSDDT YIYIFRVCRE AGNHTSGAGL VQINKSNGKE TVVGRNLNETH IFNGSNWIML IYKGGDEYDN HCGKEQRRRAV VMISCNRHTL ADNFPNPVSEE RGKVQDCFYF FEMDSSLACS PEISHLSVGS ILLVTFASLV AVYVVGGLY QRLVVGAKGM EQFPHLAFWQ DLGNLVADGC DFVCRSKPRN VPAAYRGVGD DQLGEESEER DDHLLPM
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

Target:	M6PR
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## Target Details

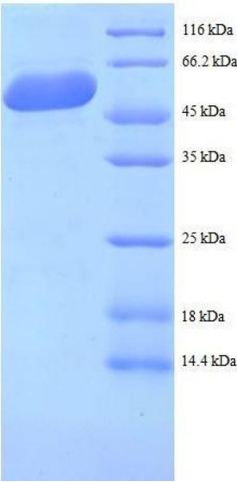
Alternative Name:	Cation-dependent mannose-6-phosphate receptor protein ( <a href="#">M6PR Products</a> )
Background:	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.
Molecular Weight:	58.4 kD
UniProt:	<a href="#">P20645</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



**SDS-PAGE**

**Image 1.** Mannose-6-Phosphate Receptor (Cation Dependent) (M6PR) (AA 1-277), (full length) protein (GST tag)