



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### M6PR (Human) Recombinant Protein (Q01)

integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane. [provided by RefSeq]

**Catalog Number:** H00004074-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human M6PR partial ORF ( NP\_002346, 211 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

QRLVVGAKGMEQFPHLAFWQDLGNLVADGCDFVCRS  
KPRNVPAAYRGGDDQLGEESEERDDHLLPM

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 33.11

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4074

**Gene Symbol:** M6PR

**Gene Alias:** CD-MPR, FLJ32994, MPR46, SMPR

**Gene Summary:** The protein encoded by this gene is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an