

# Recombinant Human M6PR lysate

**Cat. No.** M6PR-398HCL    **Lot. No.** (See product label)

## SPECIFICATION

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| <b>Species</b>             | Human                                                                                    |
| <b>Source</b>              | HEK293                                                                                   |
| <b>Molecular Mass</b>      | 34346.00Da                                                                               |
| <b>Recommended Usage</b>   | WB                                                                                       |
| <b>Storage Instruction</b> | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | M6PR mannose-6-phosphate receptor (cation dependent) [ Homo sapiens ]                                                                                                                                                                                                |
| <b>Official Symbol</b> | M6PR                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | M6PR; mannose-6-phosphate receptor (cation dependent); cation-dependent mannose-6-phosphate receptor; Mr 46,000 Man6PR; CD Man-6-P receptor; small mannose 6-phosphate receptor; 46-kDa mannose 6-phosphate receptor; SMPR; MPR46; CD-MPR; MPR 46; MPR-46; FLJ32994; |
| <b>Gene ID</b>         | 4074                                                                                                                                                                                                                                                                 |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001207024                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_001193953                                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>                 | 154540                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>          | P20645                                                                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 12                                                                                                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Clathrin derived vesicle budding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; |
| <b>Function</b>            | mannose binding; mannose transmembrane transporter activity; receptor activity; transmembrane signaling receptor activity;                                                                                                                                                                                                |

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