

Mannose-6-Phosphate Receptor Human Recombinant

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| Item Number | rAP-4161 |
| Synonyms | Mannose-6-Phosphate Receptor (Cation Dependent), CD-MPR, MPR46, CD Man-6-P Receptor, MPR 46, 46-KDa Mannose 6-Phosphate Receptor, MPR-46, SMPR, Cation-Dependent Mannose-6-Phosphate Receptor, Mr 46,000 Man6PR, Small Mannose 6-Phosphate Receptor, 46 KDa Man |
| Description | M6PR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (27-185) and having a molecular mass of 20.3kDa. M6PR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P20645 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGSTEEKTCD LVGEKGKESKELALVKRLK PLFNKSFEST VGQGSPTYIY IFRVCREAGN HTSGAGLVQI NKSNGKETVV GRLNETHIFN GSNWIMLIYK GGDEYDNHCG KEQRRVAVMI SCNRHTLADN FNPVSEERGK VQDCFYLFEM DSSLACSPEI SH. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The M6PR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**