

## Phosphomannomutase 2 Human Recombinant

<b>Item Number</b>	rAP-1323
<b>Synonyms</b>	Phosphomannomutase 2, PMM 2, PMM2, CDG1, CDGS, CDG1a.
<b>Description</b>	PMM2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 266 amino acids (1-246 a.a.) and having a molecular mass of 30.2kDa. The PMM2 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O15305
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAAPGPALCL FDVDGTLTAP RQKITKEMDD FLQKLRQKIK IGVVGGSDFE KVQEQLGNDV VEKYDYVFPE NGLVAYKDGK LLCRQNIQSH LGEALIQDLI NYCLSYIAKI KLPKKRGTFI EFRNGMLNVS PIGRSCSQEE RIEFYELDKK ENIRQKFVAD LRKEFAGKGL TFSIGGQISF DVFPDGDWDR YCLRHVENDG YKTIYFFGDK TMPGGNDHEI FTDPRTMGYS VTAPEDTRRI CELLFS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless 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.
<b>Formulation and Purity</b>	The PMM2 solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**