

Phosphomannomutase 2 Human Recombinant

Item Number	rAP-1323
Synonyms	Phosphomannomutase 2, PMM 2, PMM2, CDG1, CDGS, CDG1a.
Description	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.
Uniprot Accesion Number	O15305
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAAPGPALCL FDVDGTLTAP RQKITKEMDD FLQKLRQKIK IGVVGGSDFE KVQEQLGNDV VEKYDYVFPE NGLVAYKDGG LLCRQNIQSH LGEALIQDLI NYCLSYIAKI KLPKKRGTFI EFRNGMLNVS PIGRSCSQEE RIEFYELDKK ENIRQKFVAD LRKEFAGKGL TFSIGGQISF DVFPDGWDKR YCLRHVENDG YKTIYFFGDK TMPGGNDHEI FTDPRTMGYS VTAPEDTRRI CELLFS.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
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**