

Phosphomannomutase 1 Human Recombinant

Item Number	rAP-1324
Synonyms	Phosphomannomutase 1, PMM 1, PMMH-22, PMM1, PMMH22, Sec53.
Description	PMM1 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 282 amino acids (1-262 a.a.) and having a molecular mass of 31.9kDa. The PMM1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q92871
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAVTAQAARR KERVLCLFDV DGLTPARQK IDPEVAAFLQ KLRSRV-QIGV VGGSDYCKIA EQLGDGDEVI EKFDYVFAEN GTVQYKHGRL LSKQTIQNH L GEELLQDLIN FCLSY-MALLR LPKKRGTFIE FRNGMLNISP IGRSCTLEER IEFSELDKKE KIREKFVEAL KTEFAGKGLR FSRGG-MISFD VFPEGWDKRY CLDSLQDSF DTIHFFGNET SPGGNDFEIF ADPRTVGHVS VSPQDTVQRC REIFFPETAH EA.
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 PMM1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 100mM NaCl and 0.1mM PMSF. Greater than 90.0% 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**