

Recombinant Human PMM2, His tagged

Cat. No. PMM2-362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PMM2 (O15305) (Met1-Ser246), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-246 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 20mM Tris,100mM NaCl, 10% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human PMM2 consists of 261 amino acids and predicts a molecular mass of 29.9 KDa. It migrates as an approximately 28 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PMM2 phosphomannomutase 2 [Homo sapiens]

Official Symbol PMM2

Gene ID 5373

mRNA Refseq NM_000303

Protein Refseq NP_000294

MIM 601785

UniProt ID O15305

Chromosome Location 16p13

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