

Recombinant Human Phosphomannomutase 2/PMM2 Protein(C-6His)

Cat.NO.: TP05866

3th Edition

Synonyms:Phosphomannomutase 2; PMM 2; PMM2

Description:Phosphomannomutase 2 (PMM2) is an enzyme that is a member of the highly variable methyltransferase superfamily. PMM2 is a cytoplasmic protein and catalyzes the isomerization of mannose 6-phosphate to mannose 1-phosphate. In addition, PMM2 involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose that required for a number of critical mannosyl transfer reactions. Defects in PMM2 can results in congenital disorder of glycosylation type 1A (CDG1A). Congenital disorders of glycosylation are metabolic deficiencies in glycoprotein biosynthesis that usually cause severe mental and psychomotor retardation.

Form:PBS

Molecular Weight:29.1 kDa

Sequences:Met 1-Ser246

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.