

Recombinant Human Phosphomannomutase 1/PMM1 Protein(C-6His)

Cat.NO.: TP05862

3th Edition

Synonyms:Phosphomannomutase 1; PMM 1; PMMH-22; PMM1; PMMH22

Description:Phosphomannomutase 1 (PMM1) belongs to the eukaryotic PMM family. Phosphomannomutase 1 can catalyze the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose which is required for a number of critical mannosyl transfer reactions. PMM1 is highly expressed in liver, heart, brain, and pancreas, but lower expression in skeletal muscle. In addition, PMM1 may be responsible for the degradation of glucose-1,6 bisphosphate in ischemic brain.

Form:PBS

Molecular Weight:30.8 kDa

Sequences:Met 1-Ala262

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 µg 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.