

Product datasheet for TP502072

Pmm1 (BC006809) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphomannomutase 1 (cDNA clone MGC:11610 IMAGE:3153981), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202072 protein sequence Red =Cloning site Green =Tags(s)
	MAVAVEGARRKERILCLFDVDGTLTPARQKIDPETIQNHLGEELLQDLINFLCLSYMALLRLPKKRGTFIE FRNGMLNVSPIGRSCTLEERIEFSELDKKEKIREKFVEALKTEFAGKGLRFSRGGMISFDVFPEGWDKRY CLDSLDEDSFDIIHFFGNETSPGGNDFEYADPRTVGHVSPQDTVQRCRELFFPETAHEA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	29858
UniProt ID:	O35621
RefSeq Size:	1079
Cytogenetics:	15 E1



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RefSeq ORF: 606

Synonyms: C77612

Summary: Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. In addition, may be responsible for the degradation of glucose-1,6-bisphosphate in ischemic brain.[UniProtKB/Swiss-Prot Function]