

Product datasheet for **TP503957**

Impa2 (NM_053261) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse inositol (myo)-1(or 4)-monophosphatase 2 (Impa2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203957 protein sequence Red =Cloning site Green =Tags(s)
	 MKPSSEEEGELVQGVGPWDECFEVAVQLALRAGQIIRKALTEEKRVSTKTSAADLVTETDHRVEDLIVSE LRKRFPShRFIAEEATASGAKCVLTHSPTWIIDPIDGTCNFVHRFPTVAVSIGFAVHQELEFGVIHHCTE ERLYTGRRGQGAFcNGQRLQVSRETDLAKALVLTEIGPKRDPDTLKVFLSNMERLLHAKAHGVRVIGSST LALCYLASGAADAYYQFGLHCWDLAAATVIIREAGGIVIDTSGGPLDLMSCRVVAAGTREMAVLIAQALQ TINYGRDDEK SGP TRTRPLE QKLISEEDLAANDILDYKDDDDK V
Tag:	C-MYC/DDK
Predicted MW:	31.7 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.
RefSeq:	NP_444491
Locus ID:	114663
UniProt ID:	Q91UZ5 , Q3U3B7



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RefSeq Size: 1386

Cytogenetics: 18 E1

RefSeq ORF: 873

Synonyms: 2210415D20Rik; AI326924; AW259601

Summary: Can use myo-inositol monophosphates, scylloinositol 1,4-diphosphate, glucose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. Has been implicated as the pharmacological target for lithium Li(+) action in brain (By similarity).[UniProtKB/Swiss-Prot Function]