

Product datasheet for TP502626

Psph (NM_133900) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoserine phosphatase (Psph), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202626 protein sequence Red =Cloning site Green =Tags(s)
	 MVSHSELRKLFCSDAVCFDVDSTVIREEGIDELAKFCGVAAVSEMTRRAMGGALPFKDALTQRLALIQ PSRDQVQRLLAEHPPHLTPGIRELVSRLQERNVQVFLISGGFRSIVEHVAAKLNIPPTNVFANRLKFYFN GEYAGFDEMQPTAESGGKGVIRFLKEKFHFKKIIMIGDGATDMEACPPADAFIGFGGNVIRQQVKDNAK WYITDFVELLGELEE
	 TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.1 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.
RefSeq:	NP_598661
Locus ID:	100678
UniProt ID:	Q99LS3
RefSeq Size:	1554



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Cytogenetics:	5 G1.3
RefSeq ORF:	678
Synonyms:	AI480570; PSP; PSPase
Summary:	Catalyzes the last step in the biosynthesis of serine from carbohydrates. The reaction mechanism proceeds via the formation of a phosphoryl-enzyme intermediates (By similarity). [UniProtKB/Swiss-Prot Function]