

## Product datasheet for TP501475

### Ptp4a1 (BC086787) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein tyrosine phosphatase 4a1 (cDNA clone MGC:102117 IMAGE:30538771), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201475 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MARMNRPAPVEVTYKNMRFILITHNPTNATLNKFIIEELKKYGVTTIVRVCEATYDRTLVEKEGIHVLDWPF DDGAPPSNQIVDDWLSLVKIKFREEPGCCIAVHCVAGLGRAPVLVALALIEGGMKYEDAVQFIRQKRRGA FNSKQLLYLEKYRPMRLRFKDSNGHRNCCIQ
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	19.8 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:	19243
UniProt ID:	<a href="#">Q63739</a>
RefSeq Size:	1829
Cytogenetics:	1 B



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RefSeq ORF: 519

Synonyms: MGC25304, C130021B01, Prl-1

Summary: Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. May play a role in the development and maintenance of differentiating epithelial tissues (By similarity).[UniProtKB/Swiss-Prot Function]