

## Product datasheet for TP501769

### Dusp18 (NM\_173745) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dual specificity phosphatase 18 (Dusp18), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201769 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MTSPWSAFPVQIPQPSIRGLSQITKSLFISNGVAANNKLLSSNQITTVINVSVEVANTFYEDIQYVQVP VVDAPVARLSNFFDSVADRIHSVEMQKGRTLLHCAAGVSRSAALCLAYLMKYHAMS L VDAHTWTKSCRPI IRPNSGFWEQLIHVELQLFGKNTMQMMDSPMGRIPDIYEKETRLMIPL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	21.1 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:	<a href="#">NP_776106</a>
Locus ID:	75219
UniProt ID:	<a href="#">Q8VE01</a> , <a href="#">Q8BWD7</a>
RefSeq Size:	4632
Cytogenetics:	11 A1



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RefSeq ORF: 567

Synonyms: 4930527G07Rik; AI430870; BB028064; DSP18; DUSP20; LMWDSP20

Summary: Can dephosphorylate single and diphosphorylated synthetic MAPK peptides, with preference for the phosphotyrosine and diphosphorylated forms over phosphothreonine. In vitro, dephosphorylates p-nitrophenyl phosphate (pNPP).[UniProtKB/Swiss-Prot Function]