

## Recombinant Mouse Dusp18 Protein, Myc/DDK-tagged

Cat. No. Dusp18-2685M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length dual specificity phosphatase 18 (Dusp18), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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).
<b>Molecular Mass</b>	21.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Dusp18 dual specificity phosphatase 18 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Dusp18
<b>Synonyms</b>	DUSP18; dual specificity phosphatase 18; dual specificity protein phosphatase 18; low molecular weight dual specificity phosphatase 20; DSP18; DUSP20; AI430870; BB028064; LMWDSP20; 4930527G07Rik
<b>Gene ID</b>	75219
<b>mRNA Refseq</b>	NM_173745
<b>Protein Refseq</b>	NP_776106
<b>UniProt ID</b>	Q8VE01

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