

Recombinant Mouse Dusp18 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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