Recombinant Mouse Dusp23 Protein, Myc/DDK-tagged

Cat. No. Dusp23-2687M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual specificity phosphatase 23 (Dusp23), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).
Molecular Mass	17.1 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.

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GENE INFORMATION

Gene Name	Dusp23 dual specificity phosphatase 23 [Mus musculus (house mouse)]
Official Symbol	Dusp23
Synonyms	DUSP23; dual specificity phosphatase 23; dual specificity protein phosphatase 23; low-molecular-mass dual-specificity phosphatase; low molecular mass dual specificity phosphatase 3; LDP-3; 1300005N15Rik; MGC73633
Gene ID	68440
mRNA Refseq	NM_026725
Protein Refseq	NP_081001
UniProt ID	Q6NT99

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