

Recombinant Mouse Dusp3 Protein, Myc/DDK-tagged

Cat. No. Dusp3-2689M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) (Dusp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1 and ERK2.
Molecular Mass	20.9 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	Dusp3 dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) [Mus musculus (house mouse)]
Official Symbol	Dusp3
Synonyms	DUSP3; dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related); dual specificity protein phosphatase 3; vaccinia H1-related phosphatase; VHR; T-DSP11; 2210015O03Rik; 5031436O03Rik
Gene ID	72349
mRNA Refseq	NM_028207
Protein Refseq	NP_082483
UniProt ID	Q9D7X3

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