

## Recombinant Mouse Dusp3 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	20.9 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.

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## GENE INFORMATION

<b>Gene Name</b>	Dusp3 dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related) [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Dusp3
<b>Synonyms</b>	DUSP3; dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related); dual specificity protein phosphatase 3; vaccinia H1-related phosphatase; VHR; T-DSP11; 2210015O03Rik; 5031436O03Rik
<b>Gene ID</b>	72349
<b>mRNA Refseq</b>	NM_028207
<b>Protein Refseq</b>	NP_082483
<b>UniProt ID</b>	Q9D7X3

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