

Recombinant Mouse Dusp4 Protein, Myc/DDK-tagged

Cat. No. Dusp4-2690M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual specificity phosphatase 4 (Dusp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.
Molecular Mass	43.4 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	Dusp4 dual specificity phosphatase 4 [Mus musculus (house mouse)]
Official Symbol	Dusp4
Synonyms	DUSP4; dual specificity phosphatase 4; dual specificity protein phosphatase 4; MKP2; AI844617; BB104621; 2700078F24Rik; E130306H24Rik
Gene ID	319520
mRNA Refseq	NM_176933
Protein Refseq	NP_795907
UniProt ID	Q8BFV3

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