Recombinant Mouse Dusp12 Protein, Myc/DDK-tagged

Cat. No. Dusp12-2681M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual specificity phosphatase 12 (Dusp12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dual specificity phosphatase; can dephosphorylate both phosphotyrosine and phosph oserine or phosphothreonine residues. Can dephosphorylate glucokinase (in vitro). H as phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate and other in vitro substrates.
Molecular Mass	37.6 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	Dusp12 dual specificity phosphatase 12 [Mus musculus (house mouse)]
Official Symbol	Dusp12
Synonyms	DUSP12; dual specificity phosphatase 12; dual specificity protein phosphatase 12; dual specificity phosphatase VH1; dual specificity phosphatase T-DSP4; VH1; mVH1; ESTM36; T-DSP4; AA027408; AW049275; LMW-DSP4; 1190004O14Rik; MGC117646
Gene ID	80915
mRNA Refseq	NM_023173
Protein Refseq	NP_075662
UniProt ID	Q9D0T2

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