Recombinant Mouse Dusp28 Protein, Myc/DDK-tagged

Cat. No. Dusp28-2688M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual specificity phosphatase 28 (Dusp28), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate (in vitro). Has almost no detectable activity with phosphotyrosine, even les s activity with phosphothreonine and displays complete lack of activity with phosphos erine. The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site.
Molecular Mass	17.5 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	Dusp28 dual specificity phosphatase 28 [Mus musculus (house mouse)]
Official Symbol	Dusp28
Synonyms	DUSP28; dual specificity phosphatase 28; AV005521; 0710001B24Rik
Gene ID	67446
mRNA Refseq	NM_175118
Protein Refseq	NP_780327
UniProt ID	Q8BTR5

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