Recombinant Mouse Ptpn5 Protein, Myc/DDK-tagged

Cat. No. Ptpn5-5241M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase, non-receptor type 5 (Ptpn5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors.
Molecular Mass	60.8 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	Ptpn5 protein tyrosine phosphatase, non-receptor type 5 [Mus musculus (house mouse)]
Official Symbol	Ptpn5
Synonyms	PTPN5; protein tyrosine phosphatase, non-receptor type 5; tyrosine-protein phosphatase non-receptor type 5; neural-specific protein-tyrosine phosphatase; striatum-enriched protein-tyrosine phosphatase; Step
Gene ID	19259
mRNA Refseq	NM_001163565
Protein Refseq	NP_001157037
UniProt ID	P54830

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