Recombinant Mouse Pcbp2 Protein, Myc/DDK-tagged

Cat. No. Pcbp2-4697M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length poly(rC) binding protein 2 (Pcbp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. Major cellular poly(rC)-binding protein. Binds also poly(rU). Negatively regulates cellular antiviral responses mediated by MAVS signaling. It acts as an adapter between MAVS and the E3 ubiquitin ligase ITCH, therefore triggering MAVS ubiquitinationa and degradation.
Molecular Mass	38.7 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	Pcbp2 poly(rC) binding protein 2 [Mus musculus (house mouse)]
Official Symbol	Pcbp2
Synonyms	PCBP2; poly(rC) binding protein 2; poly(rC)-binding protein 2; CBP; CTBP; hnRNP X; alpha-CP2; heterogeneous nuclear ribonucleoprotein X; putative heterogeneous nuclear ribonucleoprotein X; Hnrpx; AW412548; alphaCP-2; MGC107004
Gene ID	18521
mRNA Refseq	NM_001103165
Protein Refseq	NP_001096635
UniProt ID	Q61990

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