Recombinant Mouse Habp4 Protein, Myc/DDK-tagged

Cat. No. Habp4-3349M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length hyaluronic acid binding protein 4 (Habp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	RNA-binding protein that plays a role in the regulation of transcription, pre-mRNA splicing and mRNA translation. Negatively regulates DNA-binding activity of the transcription factor MEF2C in myocardial cells in response to mechanical stress. Plays a role in pre-mRNA splicing regulation. Binds (via C-terminus) to poly(U) RNA. Involved in mRNA translation regulation, probably at the initiation step. Seems to play a role in PML-nuclear bodies formation.
Molecular Mass	46 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Habp4 hyaluronic acid binding protein 4 [Mus musculus (house mouse)]
Official Symbol	Habp4
Synonyms	Habp4; hyaluronic acid binding protein 4; 4933413D03Rik; 4933428J01Rik; intracellular hyaluronan-binding protein 4; IHABP-4; IHABP4; hyaluronic acid-binding protein 4 (intracellular); intracellular hyaluronan-binding protein p57
Gene ID	56541
mRNA Refseq	NM_019986
Protein Refseq	NP_064370
UniProt ID	Q9JKS5

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