

Recombinant Mouse Hnrnpk Protein, MYC/DDK-tagged

Cat. No. Hnrnpk-1151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse heterogeneous nuclear ribonucleoprotein K (cDNA clone MGC:6388 IMAGE:3583037), complete cds, with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex, and is a poly-cytosine binding protein (PCBP). It is found in multiple subcellular compartments including the nucleus, cytoplasm and mitochondria. This gene product is thought to interact with RNA, DNA, and protein, and is involved in multiple cellular processes, including transcription, chromatin remodeling, DNA damage response, signal transduction, mRNA splicing, export, and translation. Multiple transcript variants and protein isoforms exist, with some isoforms containing a unique C-terminus. There are four pseudogenes of this gene, found on chromosomes 2, 3, 7 and 13.
Molecular Mass	51 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.

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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	
Gene Name	Hnrnpk heterogeneous nuclear ribonucleoprotein K [Mus musculus (house mouse)]
Official Symbol	Hnrnpk
Synonyms	Hnrnpk; heterogeneous nuclear ribonucleoprotein K; KBBP; NOVA; Hnrpk; heterogeneous nuclear ribonucleoprotein K
Gene ID	15387
mRNA Refseq	NM_025279
Protein Refseq	NP_079555
UniProt ID	P61979