

Recombinant Human HABP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HABP4-1770H Lot. No. (See product label)

SPECIFICATION

Product Overview	HABP4 MS Standard C13 and N15-labeled recombinant protein (NP_055097) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	45.6 kDa
AA Sequence	MKGALGSPVAAAGAAMQESFGCVVANRFHQLLDDESPFDILREAERRRQQQLQR KRRDEAAAAAGAGPRGGRSPAGASGHRAGAGGRRESQKERKSLPAPVAQRPDSP GGGLQAPGQKRTPRRGEQQGWNSRGPEGMLERAERRSYREYRPYETERQADF TAEKFPDEKPGDRFDRDRPLRGRGGPRGGMGRGRGGPGNRVFDADFQRGKRE FERYGGNDKIAVRTEDNMGGCGVRTWGSKGKDTSDVEPTAPMEEPTVVEESQGTP EEESPAKVPELEVEEETQVQEMTLDEWKNLQEQTTPKPEFNIRKPESTVPSKAVVIH KSKYRDDMVKDDYEDDSHVFRKPANDITSQLEINFGNLPRPGRGARGGTRGGRGRI

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	RRAENYGPRAEVVMQDVAPNPDDPEDFPALSTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HABP4 hyaluronan binding protein 4 [Homo sapiens (human)]
Official Symbol	HABP4
Synonyms	HABP4; hyaluronan binding protein 4; IHABP4; IHABP-4; Ki-1/57; SERBP1L; intracellular hyaluronan-binding protein 4; chromodomain helicase DNA binding protein 3 interacting protein; intracellular antigen detected by monoclonal antibody Ki-1; ki-1/57 intracellular antigen
Gene ID	22927
mRNA Refseq	NM_014282
Protein Refseq	NP_055097

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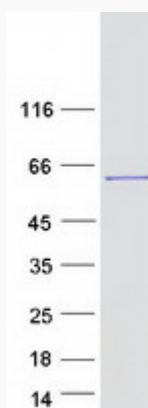
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MIM 617369

UniProt ID Q5JVS0

SDS-PAGE



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