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

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

## SPECIFICATION

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| **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** | MKGALGSPVAAAGAAMQESFGCVVANRFHQLLDDESDPFDILREAERRRQQQLQR KRRDEAAAAAGAGPRGGRSPAGASGHRAGAGGRRESQKERKSLPAPVAQRPDSP GGGLQAPGQKRTPRRGEQQGWNDSRGPEGMLERAERRSYREYRPYETERQADF TAEKFPDEKPGDRFDRDRPLRGRGGPRGGMRGRGRGGPGNRVFDAFDQRGKRE FERYGGNDKIAVRTEDNMGGCGVRTWGSGKDTSDVEPTAPMEEPTVVEESQGTP EEESPAKVPELEVEEETQVQEMTLDEWKNLQEQTRPKPEFNIRKPESTVPSKAVVIH KSKYRDDMVKDDYEDDSHVFRKPANDITSQLEINFGNLPRPGRGARGGTRGGRGRI |

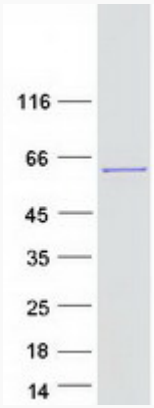
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| | RRAENYGPRAEVVMQDVAPNPDDPEDFPALSTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **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

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| **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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| **MIM** | 617369 |
| **UniProt ID** | Q5JVS0 |
| **SDS-PAGE** |  |



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