

Product datasheet for PH311972

HABP4 (NM_014282) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HABP4 MS Standard C13 and N15-labeled recombinant protein (NP_055097)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211972
Predicted MW:	45.6 kDa
Protein Sequence:	>RC211972 representing NM_014282 Red=Cloning site Green=Tags(s) MKGALGSPVAAAGAAMQESFGCVVANRFHQLLDDESDPFDILREAERRRQQQLQRKRDEAAAAAGAGPR GGRSPAGASGHRAGAGGRRESQKERKSLPAPVAQRPDSPGGGLQAPGQKRTPRRGEQQGWNSRGPPEGML ERAERSSYREYRPYETERQADFTA EKFPDEKPGDRFDRDRPLRGRGGPRGMRGRGRGGPGRVDFADFQ RGKREFERYGGNDKIAVRTEDNMGGCGVRTWGSKDTSDVEPTAPMEEPTVVEESQGTPEEESPAKVPEL EVEEETQVQEMTLDEWKNLQEQTRPKPEFNIRKPESTVPSKAVVIHKSRYRDMVKDDYEDDSHVFRKPA NDITSQLEINFGNLPRPGRGARGGTRGGRGIRRAENYGPRAEVVMQDVAPNPDDPEDFPALS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_055097</u>
RefSeq Size:	1799
RefSeq ORF:	1239
Synonyms:	IHABP-4; IHABP4; Ki-1/57; SERBP1L
Locus ID:	22927



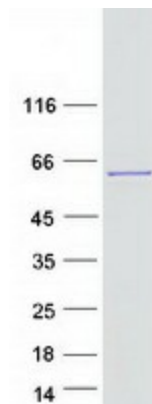
[View online »](#)

UniProt ID: [Q5JVS0](#)

Cytogenetics: 9q22.32

Summary: RNA-binding protein that plays a role in the regulation of transcription, pre-mRNA splicing and mRNA translation (PubMed:14699138, PubMed:16455055, PubMed:19523114, PubMed:21771594). Negatively regulates DNA-binding activity of the transcription factor MEF2C in myocardial cells in response to mechanical stress (By similarity). Plays a role in pre-mRNA splicing regulation (PubMed:19523114). Binds (via C-terminus) to poly(U) RNA (PubMed:19523114). Involved in mRNA translation regulation, probably at the initiation step (PubMed:21771594). Seems to play a role in PML-nuclear bodies formation (PubMed:28695742).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HABP4 protein (Cat# [TP311972]). The protein was produced from HEK293T cells transfected with HABP4 cDNA clone (Cat# [RC211972]) using MegaTran 2.0 (Cat# [TT210002]).