

Product datasheet for **TP311972**

HABP4 (NM_014282) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human hyaluronan binding protein 4 (HABP4), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC211972 representing NM_014282

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MK GALGSPVAAAGAAMQESFGCVANRFHQLLDDESDPFDILREAERRRQQQLQRKRRDEAAAAAGAGPR
GGRSPAGASGHRAGAGGRRESQKERKSLPAPVAQRPDSPGGGLQAPGQKRTPRRGEQQGWNDSRGPEGML
ERAERRSYREYRPYETERQADFTAEEKFPDEKPGDRFDRDRPLRGRGGPRGGMGRGRGGPGNRVDFADFQ
RGKREFERYGGNDKIAVRTEDNMGGCGVRTWGSKDTSDVEPTAPMEEPTVVEESQGTPEEESPAKVPEL
EVEEETQVQEMTLDEWKNLQEQRPKPEFNIRKPESTVPSKAVVIHKSRYDDMVKDDYEDDHSVFRKPA
NDITSQLEINFGNLPRPGRGARGGTRGGRGRIIRAENYGPRAEVVMQDVAPNPDDPEDFPALS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 45.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_055097](#)

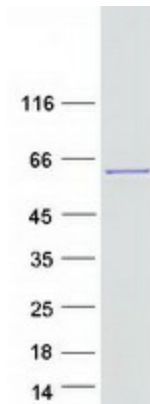
Locus ID: 22927



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UniProt ID:	Q5JVS0
RefSeq Size:	1799
Cytogenetics:	9q22.32
RefSeq ORF:	1239
Synonyms:	IHABP-4; IHABP4; Ki-1/57; SERBP1L
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]).