

Product datasheet for TP321204

HNRPH2 (HNRNPH2) (NM_019597) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human heterogeneous nuclear ribonucleoprotein H2 (H') (HNRNPH2), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC221204 protein sequence

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

Sequence:

MMLSTEGREGFVVKVRGLPWSCSADEVMRFFSDCKIQNGTSGIRFIYTREGRPSGEAFVELESEEEVKLA
LKKDRETMGHRVVEVFKSNSVEMDWLKHGTGPNSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNG
MTLPVDFQGRSTGEAFVQFASQEIAEKALKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRP
DRPGAGRGYNSIGRGAGFERMRRGAYGGYGGYDDYGGYNDGYGFGSDRFRDLNYCFSGMSDHRYGDGG
SSFQSTTGHCVMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADVEFATHEDAVAAMAKDKA
NMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGASGGAYGSQMMGMGLSNQSSYGGPASQQLSGGY
GGYGGQSSMSGYDQVLQENSSDYQSNLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.1 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.



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RefSeq: [NP_062543](#)

Locus ID: 3188

UniProt ID: [P55795](#), [A0A384MDT2](#)

RefSeq Size: 2392

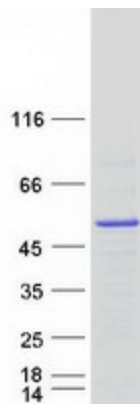
Cytogenetics: Xq22.1

RefSeq ORF: 1347

Synonyms: FTP3; hnRNPH'; HNRPH'; HNRPH2; MRXSB; NRPH2

Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that binds to RNAs. It is very similar to the family member HNRPH1. This gene is thought to be involved in Fabray disease and X-linked agammaglobulinemia phenotype. Alternative splicing results in multiple transcript variants encoding the same protein. Read-through transcription between this locus and the ribosomal protein L36a gene has been observed. [provided by RefSeq, Jan 2011]

Product images:



Coomassie blue staining of purified HNRNPH2 protein (Cat# TP321204). The protein was produced from HEK293T cells transfected with HNRNPH2 cDNA clone (Cat# [RC221204]) using MegaTran 2.0 (Cat# [TT210002]).