

Product datasheet for PH321204

HNRPH2 (HNRNPH2) (NM_019597) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HNRNPH2 MS Standard C13 and N15-labeled recombinant protein (NP_062543)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221204
Predicted MW:	49.3 kDa
Protein Sequence:	>RC221204 protein sequence Red=Cloning site Green=Tags(s)

MMLSTEGREGFVVKVRGLPWSCSADEVMRFFSDCKIQNGTSGIRFIYTREGRPSGEAFVELESEEEVKLA
LKKDRETMGHRHYEVFKSNSVEMDWLKHGPNPDTANDGFVRLRGLPFGCSKEEIVQFFSGLIIVPNG
MTLPVDFQGRSTGEAFVQFASQIEAEKALKKKKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRP
DRPGAGRGYNSIGRGAGFERMRRGAYGGYGGYDDYGGYNDGYGFGSDRFGRDLNYCFSGMSDHRYGDGG
SSFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADVEFATHEDAVAAMAKDKA
NMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGASGGAYGSQMMGGMLSNQSSYGGPASQQLSGGY
GGYGGQSSMSGYDQVLQENSSDYQSNLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_062543</u>
RefSeq Size:	2392
RefSeq ORF:	1347
Synonyms:	FTP3; hnRNPH'; HNRPH'; HNRPH2; MRXSB; NRPH2



[View online »](#)

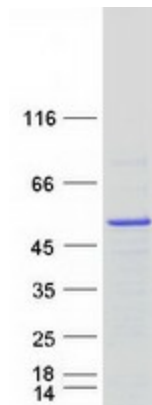
Locus ID: 3188

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

Cytogenetics: Xq22.1

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]).