

Recombinant Full Length Human HNRNPH2 Protein, C-Flag-tagged

Cat. No. HNRNPH2-1914HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HNRNPH2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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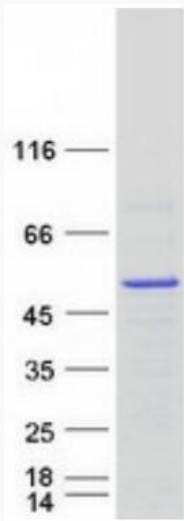
 45-1 Ramsey Road, Shirley, NY 11967, USA

Molecular Mass	49.1 kDa
AA Sequence	MMLSTEGREGFVVKVRGLPWSCSADEVMRFFSDCKIQNGTSGIRFIYTREGRPSGE AFVELESEEEVKLA LKKDRETMGHRYVEVFKSNSVEMDWVLKHTGPNSPDTANDG FVRLRGLPFGCSKEEIVQFFSGLEIVPNG MTLPVDFQGRSTGEAFVQFASQEIAEKA LKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMAMQRP GPY DRPGAGRGYNSIGR GAGFERMRRGAYGGGYGGYDDYGGYNDGYGFGSDRFGRDLNYCFSGMSDHRYG DGG SSFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADV EFATHEDAVAAMAKDKA NMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGAS GGAYGSQMMGGMGLSNQSSYGGPASQQLSGGY GGGYGGQSSMSGYDQVLQEN SSDYQSNLA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.
GENE INFORMATION	
Gene Name	HNRNPH2 heterogeneous nuclear ribonucleoprotein H2 [Homo sapiens (human)]
Official Symbol	HNRNPH2

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Synonyms	FTP3; MRXSB; NRPH2; HNRPH'; HNRPH2; hnRNPH'
Gene ID	3188
mRNA Refseq	NM_019597.5
Protein Refseq	NP_062543.1
MIM	300610
UniProt ID	P55795
 Coomassie blue staining of purified HNRNPH2 protein.	