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Product datasheet for SC210066

HNRPH2 (HNRNPH2) (NM_019597) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HNRPH2 (HNRNPH2) (NM_019597) Human 3' UTR Clone
Symbol:	HNRPH2
Synonyms:	FTP3; hnRNPH'; HNRPH'; HNRPH2; MRXSB; NRPH2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_019597
Insert Size:	825 bp
Insert Sequence:	>SC210066 3'UTR clone of NM_019597 The sequence shown below is from the reference sequence of NM_019597. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCAGTGACTATCAGTCAAACCTTGCTTAGGTAGAGAAGGAGCACTAAATAGCTACTCCAGATATAAAA GCTGTACATTTGTGGGAGTTGAATAGAATGGGAGGGATGTTTAGTATATCCAGTATGATTGGTAAATGG GAAATATAATTGATTCTGATCACTCTTGGTCAGCTTCTCTTTCTTTATCTTTCTTTCTCCTTTTTTAAG AAAACGAGTTAAGTTTAACAGTTTTGCATTACAGGCTTGTGATTCATGCTTACTGTAAAGTGGAAGTTG AGATTATTTTAAAACTTCAAGCTCAGTAATTTTGAACACTGAAACATTCATCTAGGACATAATAACAAA GTTCAGTATTGACCATAACTGTTAAAACAATTTTTAGCTTTCCTCAAGTTAGTTATGTTGTAGGAGTGT ACCTAAGCAGTAAGCGTATTTAGGTTAATGCAGTTTCACTTATGTTAAATGTTGCTCTTATACCACAAA TACATTGAAAACTTCGGATGCATGTTGAGAAACATGCCTTTCTGTAAAACTCAAATATAGGAGCTGTGT CTACGATTCAAAGTGAAAACATTTGGCATGTTTGTTAATTCTAGCTTTTTGGTTTAATATCCTGTAAGG CACGTGAGTGTACACTTTTTTTTTTTTTAAGGATACGGGACAATTTTAAGATGTAATACCAATACTTTA GAAGTTTGGTCGTGTCGTTTGTATGAAAATCTGAGGCTTTGGTTTAAATCTTTCCTTGTATTGTGATTT CCATTTAGATGTATTGTACTAAGTGAAACTTGTTAAATAAATCTTCCTTTTAAAAACTGGAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_019597.5

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]

Locus ID: 3188

MW: 32.7