

Product datasheet for **SC332522**

HNRPH1 (HNRNPH1) (NM_001257293) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPH1 (HNRNPH1) (NM_001257293) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPH1
Synonyms:	hnRNPH; HNRPH; HNRPH1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332522 representing NM_001257293. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATGTTGGGCACGGAAGGTGGAGAGGGATTCGTGGTGAAGGTCGGGGCTTGCCTGGTCTTGCTCG
GCCGATGAAGTGCAGAGGTTTTTTCTGACTGCAAAATTCAAAATGGGGCTCAAGGTATTCGTTTCATC
TACACCAGAGAAGGCAGACCAAGTGGCGAGGCTTTTGTGAAGTGAATCAGAAGATGAAGTCAAATTG
GCCCTGAAAAAGACAGAGAACTATGGGACACAGATATGTTGAAGTATCAAGTCAAACAACGTTGAA
ATGGGATTAACATTGCCGGTGGACTTCCAGGGGAGGAGTACGGGGGAGGCCTTCGTGCAGTTTGCTTCA
CAGGAAATAGCTGAAAAGGCTCTAAAGAAACACAAGGAAAGAATAGGGCACAGGTATATTGAAATCTTT
AAGAGCAGTAGAGCTGAAGTTAGAATCATTATGATCCACCACGAAAGCTTATGGCCATGCACGGCCA
GGTCTTATGACAGACCTGGGGCTGGTAGAGGGTATAACAGCATTGGCAGAGGAGCTGGCTTTGAGAGG
ATGAGGCGTGGTGCTTATGGTGGAGGCTATGGAGGCTATGATGATTACAATGGCTATAATGATGGCTAT
GGATTTGGGTGAGATAGATTTGGAAGAGACCTCAATTACTGTTTTTCAGGAATGTCTGATCACAGATAC
GGGGATGGTGGCTCTACTTTCCAGAGCACAAACAGGACACTGTGTACACATGCGGGGATTACCTTACAGA
GCTACTGAGAATGACATTTATAATTTTTTTCCACCGCTCAACCCTGTGAGAGTACACATTGAAATGGT
CCTGATGGCAGAGTAACTGGTGAAGCAGATGTCGAGTTCGCAACTCATGAAGATGCTGTGGCAGCTATG
TCAAAAGACAAAGCAAATATGCAACACAGATATGTAGAATCTTCTTGAATTCTACAGCAGGAGCAAGC
GGTGGTGCTTACGAACACAGATATGTAGAATCTTCTTGAATTCTACAGCAGGAGCAAGCGGTGGTGTCT
TATGGTAGCCAAATGATGGGAGGCATGGGCTTGTCAAACAGTCCAGCTACGGGGGCCAGCCAGCCAG
CAGCTGAGTGGGGTTACGGAGGCGCTACGGTGGCCAGAGCAGCATGAGTGGATACGACCAAGTTTTTA
CAGGAAAACCTCCAGTGATTTTCAATCAAACATTGCATAG

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001257293
Insert Size:	1350 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001257293.1
RefSeq Size:	2304 bp
RefSeq ORF:	1350 bp
Locus ID:	3187
UniProt ID:	P31943
Cytogenetics:	5q35.3
MW:	49.2 kDa
Gene Summary:	<p>This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. 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 may 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 bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a).</p>