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Product datasheet for SC320814

HNRNPC (NM_001077442) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRNPC (NM_001077442) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRNPC
Synonyms:	C1; C2; HNRNP; HNRPC; SNRPC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001077442.1 CATTTTGTGAAGAGACGAAGACTGAGCGGTTGTGGCCGCGTTGCCGACCTCCAGCAGCAG TCGGCTTCTCTACGCAGAACCCGGGAGTAGGAGACTCAGAATCGAATCTCTTCTCCCTCC CCTTCTTGTTTTCGGCTTTGTGAGAAACCTTACCATCAAACACGATGGCCAGCAACGTTA CCAACAAGACAGATCCTCGCTCCATGAACTCCCGTGTATTCATTGGGAATCTCAACACTC TTGTGGTCAAGAAATCTGATGTGGAGGCAATCTTTTCGAAGTATGGCAAAATTGTGGGCT GCTCTGTTCATAAGGGCTTTGCCTTCGTTCAGTATGTTAATGAGAGAAATGCCCGGGCTG CTGTAGCAGGAGAGGATGGCAGAATGATTGCTGGCCAGGTTTTAGATATTAACCTGGCTG CAGAGCCAAAAGTGAACCGAGGAAAAGCAGGTGTGAAACGATCTGCAGCGGAGATGTACG GGTCAGTAACAGAACACCCTTCTCCGTCCCCTCTACTCAGCTCCTCTTTTGACTTGGACT ATGACTTTCAACGGGACTATTATGATAGGATGTACAGTTACCCAGCACGTGTACCTCCTC CTCCTCCTATTGCTCGGGCTGTAGTGCCCTCGAAACGTCAGCGTGTATCAGGAAACACTT CACGAAGGGGCAAAAGTGGCTTCAATTCTAAGAGTGGACAGCGGGGATCTTCCAAGTCTG GAAAGTTGAAAGGAGATGACCTTCAGGCCATTAAGAAGGAGCTGACCCAGATAAAACAAA AAGTGGATTCTCTCCTGGAAAACCTGGAAAAAATTGAAAAGGAACAGAGCAAACAAGCAG TAGAGATGAAGAATGATAAGTCAGAAGAGGAGCAGAGCAGCAGCTCCGTGAAGAAAGATG AGACTAATGTGAAGATGGAGTCTGGGGGGGGGTGCAGATGACTCTGCTGAGGAGGGGGACC TACTGGATGATGATGATAATGAAGATCGGGGGGATGACCAGCTGGAGTTGATCAAGGATG ATGAAAAAGAGGCTGAGGAAGGAGAGGATGACAGAGACAGCGCCAATGGCGAGGATGACT CTTAAGCACATAGTGGGGTTTAGAAATCTTATCCCATTATTTCTTTACCTAGGCGCTTGT CTAAGATCAAATTTTTCACCAGATCCTCTCCCCTAGTATCTTCAGCACATGCTCACTGTT CTCCCCATCCTTGTCCTTCCCATGTTCATTAATTCATATTGCCCCGCGCCTAGTCCCATT TTCACTTCCTTTGACGCTCCTAGTAGTTTTGTTAAGTCTTACCCTGTAATTTTTGCTTTT AATTTTGATACCTCTTTATGACTTAACAATAAAAAGGATGTATGGTTTCTAAAAAAAAAA AAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire

View online »

ACCN:	NM_001077442
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_001077442.1, NP_001070910.1
RefSeq Size:	3226 bp
RefSeq ORF:	921 bp
Locus ID:	3183
UniProt ID:	P07910
Cytogenetics:	14q11.2
Protein Pathways:	Spliceosome
Gene 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 can act as a tetramer and is involved in the assembly of 40S hnRNP particles. Multiple transcript variants encoding at least two different isoforms have been described for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 and 3 both encode isoform a, also known as isoform C2.