

Product datasheet for **SC112670**

SNRNP40 (NM_004814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNRNP40 (NM_004814) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRNP40
Synonyms:	40K; HPRP8BP; PRP8BP; PRPF8BP; SPF38; WDR57
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112670 sequence for NM_004814 edited (data generated by NextGen Sequencing)

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ATGATAGAACAGCAGAAGCGTAAGGGCCAGAGTTGCCGCTGTTCCAGTCAAGCGGCAG
CGGCATGAGTTGCTGTTGGGAGCGGGTCTGGCCAGGAGCCGGGAGCAGCAGCAGGCGACG
CCGGGAGCCTTGCTGCAAGCGGGACCTCCAAGATGTTCCCTCCCTTCAAGCCCAATCATG
CTGCTCTCTGGACATGAAGGGGAAGTCTACTGCTGCAAGTTCACCCCAACGGATCCACC
TTAGCATCTGCAGGATTTGACCGACTGATATTACTGTGGAATGTCTATGGTGACTGTGAT
AACTATGCCCACTGAAGGGACACAGTGGAGCAGTATGGAATTGCATTACAACACAGAT
GGCAGTATGCTTTTCTCAGCATCCACAGATAAAACCGTGGCTGTGTGGGATAGTAAACA
GGTGAGAGGGTTAAAAGGCTAAAGGGACATACTTCCTTTGTGAATTCCTGTTATCCAGCC
AGGAGAGGCCCTCAGCTTGTCTGCACTGGCAGTGACGATGGCACAGTTAAGCTTTGGGAC
ATCCGGAAGAAAGCAGCCATCCAGACATTCAGAACACGTACCAGGTGTTAGCTGTGACC
TTCAATGACACAAGTGATCAGATTATTTCTGGTGAATAGACAATGATATCAAGGTCTGG
GACCTGCGCCAGAAAGCTAACCTACACCATGAGAGGCCATGCAGATTCAGTGACTGGC
CTGAGTTTAAAGTCTGAAGGCTCTTATCTTTTGTCCAATGCAATGGACAATACAGTTCGT
GTCTGGGATGTCGGCCATTTGCCCCAAAGAGAGATGTGTAAGATATTTCAAGGAAAT
GTGCACAACCTTTGAAAAGAACCTTCTGAGATGTTCTTGGTCACCTGATGGAAGCAAATA
GCAGCTGGCTCAGCCGACAGGTTTGTATGTGTGGGATACCACAAGCAGGAGAATATTG
TATAAGCTGCCCGCCATGCTGGCTCCATCAATGAAGTGGCTTTCCACCCTGATGAGCCC
ATCATTATCTCAGCATCGAGTGACAAGAGACTGTATATGGGAGAGATTTCAGTGA
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Clone variation with respect to NM_004814.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004814 unedited GAATTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACCAAACCGGTTGCCGC CATGATAGAACAGCAGAAGCGTAAGGGCCAGAGTTGCCGCTGGTTCCAGTCAAGCGGCA GCGGCATGAGTTGCTGTTGGGAGCGGGGTCTGGCCAGGAGCCGGGCAGCAGCAGGCGAC GCCGGGAGCCTTGCTGCAAGCGGGACCTCCAAGATGTTCTCCCTCAAGCCCCAATCAT GCTGCTCTCTGGACATGAAGGGGAAGTCTACTGCTGCAAGTCCACCCCAACGGATCCAC CTTAGCATCTGCAGGATTTGACCGACTGATATTACTGTGGAATGTCTATGGTGACTGTGA TAACTATGCCCACTGAAGGGACACAGTGGAGCAGTGATGGAATTGCATTACAACACAGA TGGCAGTATGCTTTTCTCAGCATCCACAGATAAAACCGTGGCTGTGTGGGATAGTGAAAC AGGTGAGAGGGTTAAAAGGCTAAAGGGACATACTTCTTTGTGAATTCCTGTTATCCAGC CAGGAGAGGCCCTCAGCTTGTCTGCACTGGCAGTGACGATGGCACAGTTAAGCTTTGGGA CATCCGGAAGAAAGCAGCCATCCAGACATTTTCAAGACACGTACCAGGTGTAGCTGTGAC CTTCAATGACACAAGTGATCAGATTATTTCTGGTGAATAGACAATGATATCAAGGTCTG GGACCTGCGCCAGAACAGCTAACCTACACCATGAGAGGCCATGCAGATTCAGTGACTGGC CTGAGTTTAAAGTTCTGAAGGCTNNCTATCTTTGTCCATGCATGGACATACAGTTCGTGTC TGGGATGTCCGGCCATTTGCCCAAGAGAGAGTGAAGATATTTCAAGAAATGTGCACAC TTTGAAAAGAAGCTCTGAGATGTCTGGTCACTGATGGAGCAATACACTGCTCACCGAAGN TGNTTATTGTGGGAACACAGCAGAGATATGA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004814 unedited TTAAATCTTGGAAA AAGGCTTTTTTTGGGTTTTAATACCAAATGGTTTTGAGAAATCCGAAAAGAAAATTTTTT TCCCGCCCGTTTCAAAAAAAAAAAAAAAAAATCCCCACCCACAAATTTGTACATTGGGCCTG GTTTTGAAAACCGGAAAAAGAAAAAGAAAAAAACCGTCCCTGAAATCTGGGGGGGG GGTTTTAAAGGCCCCAGGGGGCTTGGCTTAATCATCCCGGGAAATGGGACAAAAGTGGT TTTTGGAAATATGGCCCTCGCCTCCTGGTTTTTGGTAGCAATGGGCATTTGAAGGGGGGGG GCTTGCCTGGACATCCCACATTTGGGATCACTTTTGGCGTCTGGGGGCTCAAAAACAAGC GGCCTTGGGGTCTTCCCGTCCATATTTTCACTGGATCTCTCCCATATACAGGCTCTTGGC ACTCGATGCTGAAATAATGGTGGGCTCATCAGGGGGGAAAGCCCTTTATTGGTGGGGCC CGCCTGGGCGGGCAGCTTATACAAAATTTTCTGGTTGGGGGATCCCACACATAAACAAA CCTGTCCGCTGAGCCAGCTGCTTTTTTGGTTCCTCAGGGGACCCAAAACATTTTCAAGG GGTCTTTTCAAAGTTGTGCCCTTTCTTGAATAAATTTACCCTTTCTTTTGGGGGGC AATGGCCGGACATCCCAAAAACCACTGTATTGGCCATTTGCTTTGACAAAAAATAGAG CCTTTCAAACCTAAACTCAGGCCNCTCACTGGATCTGGATGGGCCTCATGGGGAGGTT ANCTTTGTTTTGGCGCAAGTCCCAACCCCTGGTATCTTTGTCTTTTCCCAGGAAATA ATTTGTTCCCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004814
Insert Size:	1500 bp
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:

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_004814.1](#), [NP_004805.1](#)

RefSeq Size: 1507 bp

RefSeq ORF: 1074 bp

Locus ID: 9410

UniProt ID: [Q96DI7](#)

Cytogenetics: 1p35.2

Domains: WD40

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a component of the U5 small nuclear ribonucleoprotein (snRNP) particle. The U5 snRNP is part of the spliceosome, a multiprotein complex that catalyzes the removal of introns from pre-messenger RNAs. [provided by RefSeq, Jul 2008]