

## Product datasheet for RC200548

### SNRNP40 (NM\_004814) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SNRNP40 (NM_004814) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SNRNP40
Synonyms:	40K; HPRP8BP; PRP8BP; PRPF8BP; SPF38; WDR57
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC200548 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATAGAACAGCAGAAGCGTAAGGGCCAGAGTTGCCGCTGGTTCAGTCAAGCGGCAGCGGCATGAGT  
TGCTGTTGGGAGCGGGTCTGGCCAGGAGCCGGGCAGCAGCAGGCGACGCCGGGAGCCTTGCTGCAAGC  
GGGACCTCCAAGATGTTCTCCCTTCAAGCCCCAATCATGCTGCTCTGGACATGAAGGGGAAGTCTAC  
TGCTGCAAGTTCCACCCCAACGGATCCACCTTAGCATCTGCAGGATTTGACCGACTGATATTACTGTGGA  
ATGTCTATGGTGACTGTGATAACTATGCCACACTGAAGGGACACAGTGGAGCAGTGATGGAATTGCATTA  
CAACACAGATGGCAGTATGCTTTTCTCAGCATCCACAGATAAAACCGTGGCTGTGTGGGATAGTAAACA  
GGTGAGAGGGTAAAAGGCTAAAGGGACATACTTCCTTTGTGAATTCCTGTTATCCAGCCAGGAGAGGCC  
CTCAGCTTGTCTGCACTGGCAGTGACGATGGCACAGTTAAGCTTTGGGACATCCGGAAGAAAGCAGCCAT  
CCAGACATTTCAGAACACGTACCAGGTGTAGCTGTGACCTTCAATGACACAAGTGATCAGATTATTTCT  
GGTGAATAGACAATGATATCAAGTCTGGGACCTGCCCAGAACAAAGCTAACCTACACCATGAGAGGCC  
ATGCAGATTCAGTACTGGCCTGAGTTAAGTTCTGAAGGCTCTATCTTTTGTCCAATGCAATGGACAA  
TACAGTTGCTGTCTGGGATGTCGGCCATTTGCCCCAAAGAGAGATGTGTAAGATATTTCAAGGAAAT  
GTGCACAACCTTTGAAAAGAACCTTCTGAGATGTTCTTGGTCACCTGATGGAAGCAAAATAGCAGCTGGCT  
CAGCCGACAGTTTGTATGTGTGGGATACCACAAGCAGGAGAAATTTGTATAAGCTGCCCGGCCATGC  
TGGCTCCATCAATGAAGTGGCTTCCACCCTGATGAGCCCATCATTATCTCAGCATCGAGTGACAAGAGA  
CTGTATATGGGAGAGATTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC200548 protein sequence  
 Red=Cloning site Green=Tags(s)

MIEQQKRKGPELPLVPVKRQRHELLL GAGSGPGAGQQATPGALLQAGPPRCSSLQAPIMLLSGHEGEVY  
 CCKFHPNGSTLASAGFDRLILLWNVYGDCDNYATLKGHSGAVMELHYNTDGSMLFSASTDKTVAVWDESET  
 GERVKRLKGHTSFVNSCYPARRGPQLVCTGSDDGTVKLWDIRKKAAIQTFQNTYQVLAVTFNDTSDQIIS  
 GGIDNDIKVWDLRQNKLYTMRGHADSVTGLSLSEGSYLLSNAMDNTVRVWDVRFAPKERCVKIFQGN  
 VHNFEKNLLRCSWSPDGSKIAAGSADRFVYVWDTTSRRILYKLPGHAGSINEVAFHPDEPIIISASSDKR  
 LYMGEIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

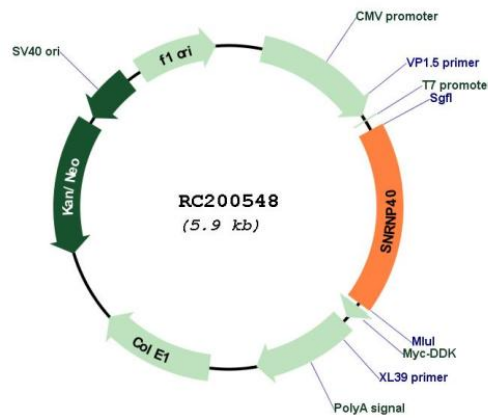
Chromatograms: [https://cdn.origene.com/chromatograms/mk6418\\_c12.zip](https://cdn.origene.com/chromatograms/mk6418_c12.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:

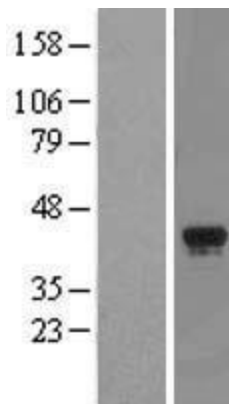


Plasmid Map:



ACCN:	NM_004814
ORF Size:	1071 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_004814.3</a>
RefSeq Size:	1638 bp
RefSeq ORF:	1074 bp
Locus ID:	9410
Domains:	WD40
Protein Pathways:	Spliceosome
MW:	39.3 kDa
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]

### Product images:



Western blot validation of overexpression lysate (Cat# [LY417730]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200548 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).