

Product datasheet for **SC307238**

U1SNRNPBP (SNRNP35) (NM_180699) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U1SNRNPBP (SNRNP35) (NM_180699) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRNP35
Synonyms:	HM-1; U1SNRNPBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307238 representing NM_180699. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAACCAGCTAACATGAACGATTGGATGCCCATCGCCAAGGAGTATGATCCACTCAAAGCGGGCAGC
ATTGATGGCACCAGTGAAGACCCACACGACCGCGCGGTCTGGAGGGCAATGCTGGCACGATATGTCCCC
AACAAAGGTGTCATAGGAGATCCCCTCCTACCCTGTTTGTGGCCAGACTAACTTGCAGACCAAGGAG
GACAAATTAAGGAAGTCTTTTCCCGCTATGGTGACATCCGGCGGCTTCGGCTGGTCAGGGACTTGGTC
ACAGGTTTTTCAAAGGGCTACGCCTTCATCGAATACAAGGAGGAGCGTGCCGTGATCAAAGCTTACCGA
GATGCTGATGGCCTGGTTATTGACCAGCATGAGATATTTGTGGACTACGAGCTGGAAAGGACTCTCAA
GGGTGGATCCCTCGGCGACTTGGAGCGGTCTTGGGGGAAAAAAGGAGTCTGGGCAACTGAGATTTGGG
GGACGGGACCGGCTTTTCGAAAACCTATTAACCTGCCAGTTGTTAAAAACGACCTCTATAGAGAGGGA
AAACGGGAAAGGCGGGAGCGATCTCGATCCCGAGAAAGACACTGGGACTCGAGGACAAGGGATCGAGAC
CATGACAGGGGCCGGGAGAAGAGATGGCAAGAAAGAGAGCCGACCAGGGTGTGGCCCGACAATGACTGG
GAGAGAGAGAGGGACTTCAGAGATGACAGGATCAAGGGGAGGGAGAAGAAGGAAAGAGGCAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_180699
Insert Size:	756 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).
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:	<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_180699.3
RefSeq Size:	1070 bp
RefSeq ORF:	756 bp
Locus ID:	11066
UniProt ID:	Q16560
Cytogenetics:	12q24.31
MW:	30 kDa
Gene Summary:	<p>The protein encoded by this gene is a homolog of the U1-snRNP binding protein. The N-terminal half contains a RNA recognition motif and the C-terminal half is rich in Arg/Asp and Arg/Glu dipeptides, which is a characteristic of a variety of splicing factors. This protein is a component of the U11/U12 small nuclear ribonucleoproteins (snRNP) that form part of the U12-type spliceosome. Alternative splicing results in multiple transcript variants encoding two distinct isoforms and representing a non-protein coding variant. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (3) includes an alternate exon and initiates translation at an alternate start codon, compared to variant 2. The full extent of the 5' UTR of this variant has not been determined. The encoded isoform (b) has a longer N-terminus, compared to isoform a.</p>