

Product datasheet for **SC307239**

U1SNRNPBP (SNRNP35) (NM_180703) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U1SNRNPBP (SNRNP35) (NM_180703) Human Untagged Clone
Tag:	Tag Free
Symbol:	U1SNRNPBP
Synonyms:	HM-1; MGC138160; small nuclear ribonucleoprotein 35kDa (U11/U12); U1 snRNP binding protein homolog; U1-snRNP binding protein homolog; U1SNRNPBP; U11/U12 snRNP 35K
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307239 representing NM_180703. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGAAACCAGCTAACATGAACGATTGGATGCCCATCGCCAAGGAGTATGATCCACTCAAAGCGGGCAGC
 ATTGATGGCACCGATGAAGACCCACGACCGCGCGGTCTGGAGGGCAATGCTGGCAGATATGTCCCC
 AACAAAGGTGTCATAGGAGATCCCCTCCTCACCCTGTTTGTGGCCAGACTAACTTGACAGCCAAGGAG
 GACAAATTAAAGGAAGTCTTTTCCGCTATGGTGACATCCGGCGGCTTCGGCTGGTCAGGGACTTGGTC
 ACAGGTTTTTCAAAGGGCTACGCCTTCATCGAATACAAGGAGGAGCGTGCCGTGATCAAAGCTTACCGA
 GATGCTGATGGCCTGTTATTGACCAGCATGAGATATTTGTGGACTACGAGCTGGAAAGGACTCTCAA
 GGGTGGATCCCTCGGCGACTTGGAGCGGTCTTGGGGAAAAAAGGAGTCTGGGCAACTGAGATTTGGG
 GGACGGGACCGGCCTTTTCGAAACCTATTAACCTGCCAGTTGTTAAAAACGACCTCTATAGAGAGGGA
 AAACGGGAAAGCGGGAGCGATCTCGATCCCAGAAAGACACTGGGACTCGAGGACAAGGGATCGAGAC
 CATGACAGGGGCCGGGAGAAGAGATGGCAAGAAAGAGAGCCGACAGGGTGTGGCCCACATGACTGG
 GAGAGAGAGAGGACTTCAGAGATGACAGGATCAAGGGGAGGGAGAAGAAGGAAAGAGGCAAG**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_180703
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:	<u>NM_180703.2</u>
RefSeq Size:	1523 bp
RefSeq ORF:	756 bp
Locus ID:	11066
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 (4) lacks a segment in the 5' UTR, and contains the same ribosomal binding site in the 5' coding region, as compared to variant 3. Both variants 3 and 4 encodes isoform b.</p>