

Product datasheet for **SC305045**

U1SNRNPBP (SNRNP35) (NM_022717) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U1SNRNPBP (SNRNP35) (NM_022717) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRNP35
Synonyms:	HM-1; U1SNRNPBP
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022717, the custom clone sequence may differ by one or more nucleotides ATGAACGATTGGATGCCCATCGCCAAGGAGTATGATCCACTCAAAGCGGGCAGCATTGAT GGCACCGATGAAGACCCACACGACCGCGCGGTCTGGAGGGCAATGCTGGCAGCATATGTC CCCAACAAAGGTGCATAGGAGATCCCCTCCTCACCTGTTTGTGGCCAGACTAACTTG CAGACCAAGGAGGACAAATTAAGGAAGTCTTTTCCCGCTATGGTGACATCCGGCGGCTT CGGCTGGTCAGGGACTTGGTCACAGGTTTTTCAAAGGGCTACGCCTTCATCGAATAACAAG GAGGAGCGTGCCGTGATCAAAGCTTACCGAGATGCTGATGGCCTGGTTATTGACCAGCAT GAGATATTTGTGGACTACGAGCTGGAAAGGACTCTCAAAGGGTGGATCCCTCGGCGACTT GGAGGCGGTCTTGGGGGAAAAAGGAGTCTGGGCAACTGAGATTTGGGGGACGGGACCGG CCTTTTCGAAAACCTATTAACCTGCCAGTTGTTAAAAACGACCTCTATAGAGAGGGAAAA CGGGAAAGGCGGGAGCGATCTCGATCCCAGAAAGACTGGGACTCGAGGACAAGGGAT CGAGACCATGACAGGGGCCGGGAGAAGAGATGGCAAGAAAGAGAGCCGACCAGGGTGTGG CCCGACAATGACTGGGAGAGAGAGGGGACTTCAGAGATGACAGGATCAAGGGGAGGGAG AAGAAGGAAAGAGGCAAGTAG
Restriction Sites:	Please inquire
ACCN:	NM_022717
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).



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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_022717.2](#), [NP_073208.1](#)

RefSeq Size: 967 bp

RefSeq ORF: 741 bp

Locus ID: 11066

UniProt ID: [Q16560](#)

Cytogenetics: 12q24.31

Gene Summary: 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]

Transcript Variant: This variant (2) encodes the shorter isoform (a).