

Product datasheet for **SC318705**

ATG2B (NM_018036) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATG2B (NM_018036) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATG2B
Synonyms:	C14orf103
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018036, the custom clone sequence may differ by one or more nucleotides <pre> ATGCCTTGGCCGTTTTTCGGAGTCCATCAAGAAGAGGGCCTGCCGGTACCTCCTGCAGAGG TACCTGGGCCACTTTCTGCAGGAGAAGCTGAGCCTGGAGCAGCTCAGCCTGGACCTGTAC CAAGGCACCGGTCCCTCGCCAGGTCCCCTTGGACAAATGGTGTCTCAATGAGATCTTG GAGTCAGCAGATGCACCCTTAGAAGTCACTGAAGGATTCATTCAATTTCCCTGTCA GTTCCATGGGGCTCTTACTGCAGGATAATTGTGCACTGGAAGTGAGAGGATTAGAAATG GTCTTCCGGCCTAGACCTCGCCAGCAACTGGTCTGAGCCTATGTATTGGTCAAGTTTT ATGACCAGCAGTATGCAATTGGCAAAAGAATGTCTTAGCCAGAACTAACAGATGAACAA GGAGAAGGATCCAGCCTTTTGAAGGACTTGAAAAGTTTGCTGAAACCATTGAAACAGTA CTAAGAAGAGTAAAAGTCACTTTTATAGATACTGTTTTGAGAATTGAACATGTGCCAGAA AATTCCAAAAGTGAAGTGCACCTTGAAATTCGAATAGAAAAGAACTGTGTACTGTGATGAA ACTGCTGACGAATCCTCAGGAATTAATGTGCATCAACCCACTGCTTTTGCTCACAAGTTA CTTCAGCTCTCTGGAGTGTCTCTCTTCTGGGATGAGTTTTCTGCATCAGCCAAATCTTCC CCAGTGTGTTCACTGCACCACTGGAACTGAGCCAAAGCTCTCACCTAGCTGGAACCCC AAAATTATTTATGAGCCACACCCACAGCTAACTAGAAATTTACCAGAGATAGCACCTTCT GACCCAGTGCAGATTGGACGGTTAATTGGTAGGTTGGAGTTGAGTCTCACGTTGAAACAG AATGAAGTGCTTCTGGAGCTAAGTTGGATGTTGATGGACAGATAGACTCTATTCACTCTA CTCCTGTCAACCAAGACAGGTGCACCTTGCTTTTGGATATGTTGGCAGCTATTGCTGGACCA GAAAATTCTAGCAAAATAGGGTTAGCTAATAAAGATAGGAAAAATCGACCCATGCAGCAG GAAGACGAGTATCGAATTCAGATGGAATTAACCGGTATTATTTGAGAAAAGATTCCCTC TCTGTGGGTGTATCTTCAGAGCAAAGCTTTTATGAGACAGAAACAGCTCGTACACCTTCT AGCCGTGAAGAAGAAGTATTCTTCTCCATGGCTGATATGGACATGTCTCATAGTCTCTCT TCTCTTCCACCCCTTGGGGACCCCCCAACATGGACCTTGAGTTATCATTAACTAGTACA TATACAAATACCCAGCAGGATCTCCATTAAGTGCTACTGTGCTTCAGCCCACTTGGGGA GAGTTCCCTTGATCATATAAAGAACAGCCAGTAAGAGGGTCAACATTTCCATCCAACCTA GTTCAACCAACACCTTTACAGAAGACATCTCTCCATCTAGATCTGTTTCAGTGGATGAA TCAAGGCTGAACCTATTTTTAGACTAGCTGTGGGAACCTTTTCAATCTCTGTGCTTCAC ATTGATCCTTTATCTCCACCTGAAACGTCACAGAACCTTAATCCATTGACACCTATGGCA GTAGCTTTCTTTACTTGTATAGAAAAGATTGATCCAGCAAGATTTTCAACAGAAGATTTT AAGTCTTTCGAGCAGTGTTCGAGAAGCTTGCTCACACGATCACCTTAGATTTATAGGT </pre>



[View online »](#)

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Restriction Sites:	Please inquire
ACCN:	NM_018036
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:	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_018036.5, NP_060506.5</u>
RefSeq Size:	11099 bp
RefSeq ORF:	6237 bp

Locus ID: 55102

UniProt ID: [Q96BY7](#)

Cytogenetics: 14q32.2

Gene Summary: This gene encodes a protein required for autophagy. The encoded protein is involved in autophagosome formation. A germline duplication of a region that includes this gene is associated with predisposition to myeloid malignancies. [provided by RefSeq, Jul 2016]