

## Product datasheet for **SC319256**

### Syntaxin 18 (STX18) (NM\_016930) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syntaxin 18 (STX18) (NM_016930) Human Untagged Clone
Tag:	Tag Free
Symbol:	Syntaxin 18
Synonyms:	Ufe1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Fully Sequenced ORF:</b>	<p>&gt;OriGene sequence for NM_016930.2</p> <pre> GTCGCTATGGCGGTGGACATCACGCTGCTATTCCGGGCCAGCGTCAAGACCGTGAAGACG CGGAACAAGGCGCTGGGAGTGGCGGTGGGCGGGGGTTCGATGGCAGCCGGGACGAGCTG TTCCGCCGAGCCCCCGGCCAAGGGCGACTTCTCCAGCCGGGCCCGGAAGTGATTTCT CACATTGGCAAAGTGAAGATTTTCTTCTGGAACACAGGAAAGATTATATTAATGCTTAT AGCCATACCATGTCTGAATATGGGAGGATGACAGACACAGAACGAGACCAGATAGACCAG GATGCCAGATATTCATGAGGACCTGTTTCAAGCAATTCAGCAACTACGAACAGAAAGCT CACAAGGAGATACATTCAGCAAGTGAAGGAGCACAGGACCGCTGTTTTGGATTTCATT GAAGATTACTTGAAGAGTATGTAACCTTACTCAGAACAGAGGCCATCCGAGTTAAA AGAGTGGTGGATAAGAAAAGATTATCTAAGTTGGAACAGAACCAATACAAAGACAAGA GAATCCACATCTTCTGAGAAAGTTTACAGAGTCTTCAAAGACTCTGAAGAAAACCT GCCACTGAAGAACGTCCAGAAAAAATTTGGCTGAAACACAACCTGAATTGGGAACGTGG GGAGATGGCAAAGGCGAAGATGAGTTATCCCCAGAAGAAATACAAATGTTTGAACAGGAA AATCAGCGACTAATTGGTGAATGAACAGCTTGTGTTGATGAAGTGAGGCAATCGAAGGG AGAGTGGTTGAGATTTCCAGACTCCAAGAGATATTCACGGAAGGTTTTGCAACAGGAA GCTGAGATTGACAGCATTCACCAGTTAGTTGTGGGGGCAACTGAAAATATCAAGGAAGGC AACGAAGACATAAGAGAGGCCATTAACAAACAACGCTGGCTTCCGCGTGTGGATCCTCTTC TTCTCTGATGTGCTCCTTCTCCTTGCTTCTCCTCGACTGGTACGACAGCTAGCCAGGG CCACGGGGGCCAGCAGCAGAGTCTCATGGGCACTCACAGACTGCGTGTCTTTCATGTAC TTCCAGTGTGGAGCATGGTATGACCAGATTTTATCACAGTGCATTTGAAGGGAAAGGA GTTCCAGACAGACAGAGCTATTCACAAAAGGGATACCCAGGCCGATGGTGTTCAGCCA TTTAGCAGCTGAAAAAGGAAACAGTGCACACCAATGGGAGGCAGCCTGCGTAGCCCTCAT CAGGCAAGACAGACTGAATGACAGGAGTGGGTGATTAGCTGCTCCTTGAAGTTGAGGCTGC CTTGGCAGCAGGGGCACAGCAGGCTCAAGAGCCCTAATTGTCTCAGGGTTCAAAGGAA GACACTGACCTTTCCATCCCGGTAGCTTCAGGGAAGATCATAGTTAATAACGTCTCTCA ACAAATGATTACTTCTTTGTTTCTTGTGGCTTCTGTCTGTCTGAGTCAACGAATACAC AGACTTACTGGATTATAGAAGAGAAAATTCACATCTGCCTTGTTAATCTAATAAATAATA TTACAGCCAAAAAAAAAAAAAAAAAAAAA </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_016930
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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:** [NM\\_016930.2](#), [NP\\_058626.1](#)

**RefSeq Size:** 2162 bp

**RefSeq ORF:** 1008 bp

**Locus ID:** 53407

**UniProt ID:** [Q9P2W9](#)

**Cytogenetics:** 4p16.3-p16.2

**Protein Families:** Transmembrane

**Protein Pathways:** SNARE interactions in vesicular transport

**Gene Summary:** This gene encodes a member of the syntaxin family of soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs) which is part of a membrane tethering complex that includes other SNAREs and several peripheral membrane proteins, and is involved in vesicular transport between the endoplasmic reticulum (ER) and the Golgi complex. The encoded protein is important for the organization of the smooth, rough, and exit site ER subdomains. A pseudogene of this gene has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]