

Product datasheet for **SC127258**

FXC1 (TIMM10B) (NM_012192) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FXC1 (TIMM10B) (NM_012192) Human Untagged Clone
Tag:	Tag Free
Symbol:	FXC1
Synonyms:	FXC1; Tim9b; TIM10B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_012192, the custom clone sequence may differ by one or more nucleotides

[ATGGAGCGGCAGCAGCAGCAGCAACAGCAACTGCGAAACCTGCGTGACTTCTGTGGTCTACAATCGGATGACAGAACTCTGCTTCCAGCGCTGTGTGCCAGCTTGCACCACCGAGCTCTGGACGCTGAGGAGGAGGCCTGTCTGCACAGCTGTGCTGGGAAGCTGATCCATTCCAACCACCGCCTCATGGCCGCTTACGTGCAGCTCATGCCTGCCCTGGTACAGCGCCGCATCGCAGACTACGAGGCTGCCTCGGCTGTGCCAGGCGTTGCTGCTGAACAGCCTGGGGTCTCTCCATCAGGCAGCTAG](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012192 unedited
TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTAAAGCAGGGTCTGTGTGTACAATTTTAAAACGGGTAATATGTCATGCTCTTAGTTTCATCTTCACAACAAAAC TATGAGTAAGCGGTATTAGCCTCACTTAACAGATGAGGAAGCAAGATTCCAGAAAGTACC AGAAGGTCATTTTATACAACAGGAGATTGGTTCCTGCCAGATGACAGAAAATGGGAGCT CTGTCTAGTTGCTTAAAGTCTGACTGACTTCAGTGGCTCATAACCGTGAGCCAAGTATT TGTGGTTTCATAACTGTTGTTTTGTGAAGTATGCTTACATGTCTAGAGTTCTGCTGGAT CTAGGGAAAGGAGGAGCTATCGAAGTACAACGGATCAAAAAACACAGGGCTTTTGGGCA CTGCCCTCCTGGGAAGTTAGTGGCCACAGAAGAGAGATGAAACCTGTAAGAAGTCTGGAG TCTTTTGGAACTTCAGCCATTTCCCGAGTTGTTACTTTCTTAGTATGTACAGTCTTCTC AGGATGAGCAGTAAAACCTTTGAACAAAGGCTGTGTGGTTGTCTTCACGGGCAATCAGG AAGGGAGAGAGCTGGGGACCATATTCTGNATGCAGCCAAATCCGAGGAAGAGAAACTGA AGGGAGAAGTAGATGGCAATGGTTATGATAAAAAGGGATAAACTAAATCTTCGGGACTT CNNTTATGCTACGTTAATGTTTCACTGCTCGTCTAGAACTNCTAAATNCAGCTTTCTAT CATCTGCCCCACATTGGTCCCATTGAGTACATTCTGTGATTTCTATTCCAGCCTTCCAT TCTTTTTCATATTGCCTCCCCGCCCCCAAACTTGTGTATTACTTCTG



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Restriction Sites:	NotI-NotI
ACCN:	NM_012192
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).
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_012192.2</u> , <u>NP_036324.1</u>
RefSeq Size:	1470 bp
RefSeq ORF:	312 bp
Locus ID:	26515
UniProt ID:	<u>Q9Y5J6</u>
Cytogenetics:	11p15.4
Domains:	zf-Tim10_DDP
Gene Summary:	FXC1, or TIMM10B, belongs to a family of evolutionarily conserved proteins that are organized in heterooligomeric complexes in the mitochondrial intermembrane space. These proteins mediate the import and insertion of hydrophobic membrane proteins into the mitochondrial inner membrane.[supplied by OMIM, Apr 2004]