

Product datasheet for **SC308157**

FITM1 (NM_203402) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FITM1 (NM_203402) Human Untagged Clone
Tag:	Tag Free
Symbol:	FITM1
Synonyms:	FIT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_203402 edited <pre> GCCACACCTGTCACTGCCTATCCTTGTCCAGGGGGGGCCCCATCAGCCCCCTCTCAGCTG CCCAGCAAAGCAAGCAGTTAGTGGGGAGGGGAGGGAACATGGAGCGGGGGCCGGTGGTGG GGGCAGGACTGGGGGCCGGGGCCGAATCCAGGCACTGCTGGGCTGCCTGCTCAAGGTGC TGCTCTGGGTGGCCTCTGCCTTGTGTACTTTGGAAGCGAACAGGCCGCCCGCCTCTGG GCAGCCCCCTGCTTACGGCGCCTCTACCATGCCTGGCTGGCAGCAGTGGTCATCTTTGGGC CGCTTCTGCAGTTCATGTCAACCCTCGGACTATCTTCGCCAGCCACGGCAACTTCTTCA ACATAAAATTTGTGAATTCAGCCTGGGGCTGGACATGCACTTTCTTAGGGGGCTTTGTGT TGCTGGTGGTGTTCCTGGCTACACGGCGCTGGCAGTAAGTCCAGACACCTGAGCCGAC TGCTAGTAGGGGAGCCGTGTGGCGGGAGCCGGCGGGCCTTCCTGCTCATCGAGGACC TGACTGGCTCCTGCTTCGAGCCACTGCCCCAGGGTCTGCTGCTCCACGAGCTGCCTGACC GCCGACGCTGCCTGGCAGCCGGCCACCAGTGGCGAGGCTACACCGTCTCCTCCACACCT TCCTGCTCACCTTTTGTGCTGCTGCTCATGGCAGAGGAAGCAGCTGTGTTGCGCAAGTACC TGGCCCATGGGCTTCCTGCCGGCGCCCCACTGCGCCTTGTCTTCTGCTGAACGTGCTGC TGCTGGGCTCTGGAACCTTCTGCTGCTGTACCGTCATCTATTTCCACCAGTACACTC ACAAGTGGTGGGCGCCGAGTGGGCACCTTTGCCTGGTACCTCACCTATGGCAGCTGGT ATCATCAGCCCTGGTCTCCAGGGAGCCAGGCCATGGGCTCTTCCCCCGTCCCCACTCCA GCCGCAAGCATAACTGAAAGAAATAAAAAACCATCGGGCCTGGCAAAAAAAAAAAAAAAAAA AAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_203402
Insert Size:	1100 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:	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_203402.1, NP_981947.1</u>
RefSeq Size:	928 bp
RefSeq ORF:	879 bp
Locus ID:	161247
UniProt ID:	<u>A5D6W6</u>
Cytogenetics:	14q12
Protein Families:	Transmembrane
Gene Summary:	FIT1 belongs to an evolutionarily conserved family of proteins involved in fat storage (Kadereit et al., 2008 [PubMed 18160536]).[supplied by OMIM, May 2008]