

Product datasheet for **SC301568**

FYTTD1 (NM_001011537) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FYTTD1 (NM_001011537) Human Untagged Clone
Tag:	Tag Free
Symbol:	FYTTD1
Synonyms:	UIF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301568 representing NM_001011537. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGAGCCTTCTGTGATTATGGGAAATGATATCATCAAGTTGAATCGAAAGGAAGGAAGAAGCAGAAT
TTTCCAAGACTAAATAGAAGACTCCTCCAGCAAAGTGGTGCCAGCAATTCAGGATGAGAGTGCGATGG
GGAATCCAACAGAATTCTGGTTTTGGTAAGACTAGTCTGAATCGTAGAGGAAGAGTAATGCCTGGAAAG
AGACGTCCTAATGGAGTTATCACTGGCCTTGCAGCTAGGAAAACGACTGGAATTCGAAAAGGAATTAGT
CCTATGAATCGTCCACCTCTAAGTGACAAGAATATAGAACAATATTTCCAGTGTTAAAAAGGAAGGCA
AACCTTCTGAGACAAAATGAAGGGCAGAGGAAACCACTAGCAGTTCTCAAGAGACCTAGCCAGCTAAGC
AGAAAAAATAACATTCCAGCTAATTTTACCAGGAGTGGAATAAATTAATCATCAGAAAGATACTCGT
CAGGCAACTTTTCTTTTCAAGAGGCTGAAGGTGCAGGCCAGTTGAATACAGAACTGCTAGAC
GATGTAGTAGCAAAGAGAACTCGTCAATGGCGGACTTCCACCACAAATGGAGGGATTTTGACTGTATCT
ATTGACAATCCTGGAGCAGTGCAATGCCAGTAACCTCAGAAACCAAGATTAACTCGTACTGCTGTACCT
TCATTTTAAACAAAGCGGGAGCAAAGTGACGTCAAGAAAGTTCTAAAGTGTTCCCTGCAGTTTGAC
ATAAACAGTGTGCGAAAACAGACAGGGATGACGTTGAATGAGCGGTTTGGGATCCTGAAGGAACAAAAG
GCCACTCTCACATACAACAAAGGGGAAGCCGCTTTGTACCGTGGGATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001011537
Insert Size:	879 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_001011537.2</u>
RefSeq Size:	3654 bp
RefSeq ORF:	879 bp
Locus ID:	84248
UniProt ID:	<u>Q96QD9</u>
Cytogenetics:	3q29
MW:	33 kDa
Gene Summary:	Required for mRNA export from the nucleus to the cytoplasm. Acts as an adapter that uses the DDX39B/UAP56-NFX1 pathway to ensure efficient mRNA export and delivering to the nuclear pore. Associates with spliced and unspliced mRNAs simultaneously with ALYREF/THOC4.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.