

Product datasheet for **SC105413**

FYTTD1 (NM_032288) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FYTTD1 (NM_032288) Human Untagged Clone
Tag:	Tag Free
Symbol:	FYTTD1
Synonyms:	UIF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105413 sequence for NM_032288 edited (data generated by NextGen Sequencing)

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ATGAACCGTTTTGGTACCCGGTTGGTGGGAGCCACGGCGACTTCTTCGCCGCCGCCGAAG
GCCCGCAGCAATGAAAACCTCGACAAAATAGATATGTCTTTGGATGATATCATCAAGTTG
AATCGAAAGGAAGGGAAGAAGCAGAATTTTCCAAGACTAAATAGAAGACTCCTCCAGCAA
AGTGGTGCCAGCAATTCAGGATGAGAGTGCGATGGGAATCCAACAGAATTCTGGTTTT
GGTAAGACTAGTCTGAATCATAGAGGAAGAGTAATGCCTGGAAAGAGACGTCCTAATGGA
GTTATCACTGGCCTTGACGCTAGGAAAACGACTGGAATTCGAAAAGGAATTAGTCCTATG
AATCGTCCACCTCTAAGTGACAAGAATATAGAACAATATTTTCCAGTGTTAAAAAGGAAG
GCAAACCTTCTGAGACAAAATGAAGGGCAGAGGAAACCAGTAGCAGTTCTCAAGAGACCT
AGCCAGCTAAGCAGAAAAATAACATTCCAGCTAATTTTACCAGGAGTGGAAATAAATTA
AATCATCAGAAAGATACTCGTCAGGCAACTTTTCTTTTTCAGAAGAGGCCTGAAGGTGCAG
GCCAGTTGAATACAGAACAACCTGCTAGACGATGTAGTAGCAAAGAGAACTCGTCAATGG
CGGACTTCCACCACAAATGGAGGGATTTTGACTGTATCTATTGACAATCCTGGAGCAGTG
CAATGCCAGTAACTCAGAAACCACGATTAACCTGCTACTGCTGTACCTTCATTTTTAACA
AAGCGGGAGCAAAGTGACGTCAAGAAAGTTCTAAAGGTGTTCCCTGCAGTTTGACATA
AACAGTGTCCGAAAACAGACAGGGATGACGTTGAATGAGCGGTTTGGGATCCTGAAGGAA
CAAAGAGCCACTCTCACATACAACAAAGGGGGAAGCCGCTTTGTCACCGTGGGATAG

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Clone variation with respect to NM_032288.6
260 g=>a



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032288 unedited ATCCAGATTTGTATAGATTCATATAGGCGGCGCTGAATTCGCACGAGGCGCCGGCGCGT GCGCGCTCCCTCGGTGCGGCGGGCTGCGTGCGCGAGTGGGAGGTGGCAGGCTGCGACTC CGGCTTGTCCGCGCCGCTCTCGGCGCGACGTCTCCAGCCATGAACCGGTTTGGTACCC GGTTGGTGGGAGCCACGGCGACTTCTTTGCCGCGCCGAAGGCCCGCAGCAATGAAAACC TCGACAAAATAGATATGTCTTTGGATGATATCATCAAGTTGAATCGAAAGGAAGGAAGA AGCTGAATTTTCCAAGACTAAATAGAAGACTCCTCCAGCAAAGTGGTGCCAGCAATTCA GGATGAGAGTGGCATGGGAATCCAACAGAATTCTGGTTTTGGTAAGACTAGTCTGAATC ATAGAGGAAGAGTAATGCCTGGAAGAGACGTCCTAATGGAGTTATCACTGGCCTTGCA CTAGGAAAACGACTGGAATTCGAAAAGGAATTAGTCTATGAATCGTCCACCTCTAAGTG ACAAGAAATAGAACAAATATTTCCAGTGTTAAAAAGGAAGGCAAACCTTCTGAGACAAA ATGAAGGGCAGAGAAACCAGTAGCAGTTCTCAAGAGACCTAGCCAGCTAAGCAGAGAAA ATAACATTCCAGCTAATTTTACCAGGAGTGAAATAAATTAATCATCAGCGAGATACTC GTCAGGCAACTTTTCTTTTCCAGAGAGGCTGAAGGTGCAGGCCAGTTGAATACTGAAC AACTGCTAGACGATGTAGTAGCAAGAGAGCTCGTCAATGGCGGACTTCCACACACATGG AGGGATTTTGACTGTATCTATTGACAATCTGGAGCAGTGTATGCCCTAGTACTCAGAG ACACGAGTTACTGCTACTGCTGTCCCTATTTTT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032288 unedited CTATGGAACGCGNGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGAGCTGAGA ATAAATCATGTGAAACCTGTAACATTTTATTTGTTAAAAATGAACAGCTTCAGAATAGAT CTAAATGTAACCTTTTCAAAAAACACAAAAAGTACAGTGTAAGCACCTCTCGTTAAA TACAAACTTTTCATTTGGTGATGCACGGCACCAATGTTTTGCATATACCTTGATGCAAAGA AAAGTTTAAAGTTGCATCCTGTTTTTAAAAAAACCAGAACTTAAGAACTGAACAAGGATT ACAACCACATTCCAATAAAGAAAATTTTCTTCAACAAAGCATATTGTTTTGTTTATATA CAATATGTGACCACCAAGAGTTTTAATTTAGTTGTACCAAGGCAAAAACATTATACTTAA AATTAATTAACAGATGCATGAAGAATAAAAGTTTAAATGTATCAAAGATAATTTGTTATTT AATGCACTCAATGTCAGTATTTGGGGCAATTTTAAAGTTTTCCCAAAAAATGGCATGAA TAGCTCTATAACAATAATAGGTAAGAACAGGAAAATGAAAACACCTTTATACCATATTTTC ACAAACCATTCTAAAGACAGCAAACCTTGAGCTCAGCTGCTTTTCCCTTGCTTTAAAAATAAG CTACCAGTAATTCTAAATCAGACTAAAAATGTACTGTTCTAGACCAAATACAGGCATTCA TCCTTGCAAAAAATGTTTTGCAATGAGTTCTTGGCCTATATGAAAAGCATCAAATAGCTAA GGAGAGACTAGAATTTATTTCCAATTCTGTGACTGACTTCCAATATCCCTATCAGTACG AGTACANGAAAATACAGATATTAAGATCGATTTAATTCTTTGGTATAGCATGAAACTGT TACTGATAGCTTTTCATGGCGAGCTAACATGNNAGCACTCAGAGCTGANAGACACATGA ATCTAGATACATGCG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_032288
Insert Size:	3940 bp
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:

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_032288.5](#), [NP_115664.2](#)

RefSeq Size: 3542 bp

RefSeq ORF: 957 bp

Locus ID: 84248

UniProt ID: [Q96QD9](#)

Cytogenetics: 3q29

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 (1) encodes the longer isoform (1).