

Product datasheet for **SC337622**

TTC7A (NM_001288951) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC7A (NM_001288951) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC7A
Synonyms:	GIDID; MINAT; TTC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001288951, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCGAAGGGCGCGCACGGCTCTACCTGAAGGTGGAGAGCGAGCTGGAGCGCTGCCGCGCCGAGG
GCCACTGGGACCGCATGCCGGAGCTGGTCCGGCAGCTGCAGACGCTGAGCATGCCCGCGCGGAGGTAA
CAGGCGAGGCAGCCCGAGCGCAGCGTTACCTTTCCGGACACCGATGACTTTGGGAAATTGCTGCTGGCT
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TGCTGTCGGAGGCTTTTGTCAACAGGCTCTCTCTGGAACGCCTACCAACTCCATCGCTCCCGCTT
CCGCTGACAGAGAGGGAGGAGGAAGTGATCACCTGTTTTGAGAGGGCTCCTGGATCGCTCAGGTGTTT
CTGCAGGAATTGGAGAAGACCACAAATAACAGCACGTCGAGGCATCTGAAAGGCTGTACCCGCTTGACT
ATGAGCTCACCTACTTCTGGAAGCTGCCCTCCAGAGCGCTATGTGAAAACTGAAGAAGGGGAACAT
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TGTCACCCCTCTGCCTGAGTTCATGGCAAGGAGGAGAGTTCTTTCGCCACTCAGGCCCTGCGGAAACC
TCACCTCTATGAAGGAGACAACCTCTACTGCCCAAGGACAACATCGAGGAAGCCCTCCTGCTCCTCTC
ATCAGCGAATCCATGGCAACTCGAGATGTTGCTGAGCCGGTGCCGGAGCAGGAGGAGGACCGGACAG
TGAGCTTGCAATGCCGACCCATCTATGACCTCCTGAGCATCACGTTGGGAGAGGGGACAGTACGT
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GCCCTCTCCATGGTGGCTTGTGGGAAGTCAGCTACGCTGTGCTCCTGCTGCGGGAGTGCTGGAAGTTGC
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TGTCTCGTGCAGCTGGCCCTCGTCCGACAGATCTCAGTGCCATGGAGCAGCTGCAGGAGGCCCTGAAG
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ATGCCCTGGATGTTGTCAACATGGCCATACCGAGCACCTGAGAACTTCAACCTGATGTTACCAAGGT
GAAGCTGGAGCAGGTGCTGAAAGGCCAGAGGAAGCCCTCGTGACCTGCAGACAAGTGTGAGGCTGTGG
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ACATCTGTAAACAGTGAATTTACAGAGGAGGAGCCTAGAAAAGGATGGCAGCTTCGGTGAGGGCTCAC
CATGAAGAAGCAGAGTGCCATGCACCTGACTTTGCCTGATGCCCATGATGCAGACTCTGGCTCCCGCGG
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AGCAGGGCCCCATGCAGCTGTGGACCACGCTGGAACAGATCTGGTGCAGGCTGCTGAGCTGTTATGGA
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CCACAAGAGCTTGGCCAGAAAGTGCTTCGTGATGCCGTGGAGAGGCAGAGTACGTGCCAGGAGGCTGG
CAGGGCTGGGCGAGGTGCTGCAGGCCAGGGCCAGAACGAGGCTGCCGTTGACTGCTTCTCACCGCCC
TTGAGCTGGAGGCCAGCAGCCCTGACTGCCCTTCTCCATCATCCCAGAGAGCTCTGA

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Restriction Sites: SgfI-MluI

ACCN: NM_001288951

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:	<u>NM_001288951.1, NP_001275880.1</u>
RefSeq Size:	5247 bp
RefSeq ORF:	2649 bp
Locus ID:	57217
UniProt ID:	<u>Q9ULT0</u>
Cytogenetics:	2p21
Gene Summary:	This gene encodes a protein containing tetratricopeptide repeats. Mutations in this gene disrupt intestinal development and can cause early onset inflammatory bowel disease and intestinal atresia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).