

Product datasheet for **SC321740**

TROAP (NM_005480) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TROAP (NM_005480) Human Untagged Clone
Tag:	Tag Free
Symbol:	TROAP
Synonyms:	TASTIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005480.2

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CCACGCGTCCGGCACCCGAGAGGGTCAGGAGAAAAGCGGAGGAAGCTGGGTAGGCCCTGA
GGGGCCTCGGTAAGCCATCATGACCACCCGGCAAGCCACGAAGGATCCCCCTCCTCCGGG
TGATCTCCTACCCCTAGCAAGATTCCGGTACGCTCTCAGAAACGCACGCCTTTCCCCAC
TGTTACATCGTGCCTGTGGACCAAGGAGATCCAAGGAGATGGGTGCAGAAACC
ACCGCTCAATATTCAACGCCCTCGTTGATTACGAGGCCAGGCCGAAAGCCAGGCA
CCAGGCAGAGACATCACAAGATTGGTGGGGATCAGTCAGCCTCGGAACCCCTTGAAGA
GCTCAGGCCTAGCCCTAGGGGTCAAAATGTGGGGCTGGGCCCTGCCCAGACAGAGGC
TCCAGGGACCATAGAGTTTGTGGCTGACCTGCAGCCCTGGCCACCATCCTGTACAGTGA
GGGTGTGAAGAGCTGTACCTGGGGCGCCAGCCTAGTCTGGCTAAAAGAGTACTGGTTTCG
AGGAAGTCAGGGAGGCACCCAGAGGGTCCAGGGTGTTCGGGCTCTGCATATTTGGC
CCCCAGAACCCCAACCCAGCTGGACCTGCCAGGGCTTCTGCTTCTTAGGCTGGA
GGGACCAAGACCTCGAGGCCGACATTGTCCCCCAGAGGCTACAGGCTCTGATTTACC
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AGCTGGCAGCAGCCGACTTCAGTGAGCCAGGCCTCAGGATTGCTCCTGGAGACCCAGT
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AGGTGTGGCTCTCTTGGTCTGGCCAGCGAGTACCATTAAGAGAAAACCGAGAAATGTC
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CCCAGGCCCTCCAACCTGACCTCATATTCAGTGTTCGGCGTCTCACCGTTCAACCTAA
AACCCGGTTCACACCATGCCATCAACCCCAAGGTTACAGCAGGCCAGTGGCTGCGTGG
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CTGCCCTCCGGCAGAGCCTGGGCCCCCAGAGGCCTTCTGTAGGAGTGAGCCTGAGATACC
AGAGCCCTCCCTCCAGGAACAGCTTGAAGTACCAGAGCCCTACCCTCCAGCAGAACCCAG
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GCCCTGCCCTAGGGTAGAGCTGGGGGCATCAGAGCCCTGCACCCTGGAACATAGAAGTCT
AGAGTCCAGTCTACCACCTGCTGCAGTCAGTGGGCTCCAGCAACCACAGCCTGATCTT
CTCTTCCCAACACCCGCTTTGTGCCAGCCCCCTATCTGCTCACTCCAGTCTTTGAGACC
CCCAGCAGGCCAGGCAGGCCTCAGCAATCTGGCCCTCGAACCTAGCCCTGAGGGAGCG
CCTCAAATCGTGTTTAACCGCCATCCACTGCTTCCACGAGGCTCGTCTGGACGATGAGTG
TGCTTTTACACCAGCCGAGCCCTCCCTCAGGCCCCACCCGGGTCTGCACCAACCTGT
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CCAGGGCTCTCCATGATGAGACAACCACTCCTGCCCTGCCGTACTTCTTCTTTAGCCC
TTATTTATTGTGGTCTGCCATGGGACTGGGAGCGCCCACTTTTGTCTCAATAAAGT
TTCTAAAGTAAAAAAAAAAAAA

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Restriction Sites: Please inquire

ACCN: NM_005480

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_005480.2</u> , <u>NP_005471.2</u>
RefSeq Size:	2561 bp
RefSeq ORF:	2337 bp
Locus ID:	10024
UniProt ID:	<u>Q12815</u>
Cytogenetics:	12q13.12
Gene Summary:	Could be involved with bystin and trophinin in a cell adhesion molecule complex that mediates an initial attachment of the blastocyst to uterine epithelial cells at the time of the embryo implantation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).