

Product datasheet for **SC318445**

TOGARAM2 (NM_199280) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOGARAM2 (NM_199280) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOGARAM2
Synonyms:	FAM179A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318445 representing NM_199280. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGGGCACCCGTGACGATGTCCCGAAGCCAAGGTCTGGTCCCGTGGCCGTGTACTGCGGGAGCATC
CCTCGGACCAAGTCTGGGCCCGGGTGTCTCCGCCTGGAAGCATCAACTCCAGTCTGCCTCATGGAGAA
GGTTCTCTCCAGCCTGAGCCAAGAGCCCTGCTGAACAACGAGGAACCGTCACAGCTCCTGCGTGGACTC
GGACAGCTGGGTGGCCTCAAGCTGGACACCCCTTCCAAGGGCTGGCAGGCAAGGAATGGTACCCCCAGG
AACCTCAGGGCCTTGTCTTTGGGGACCAGCCCTGGTGTCTCTCCCTTCTCCGAGTCAAGAGGCCAAC
AGCGTGGCCAGGACACCATCCAGATTAAGGACAAGCTCAAGAAAAGAGGCTCTCAGAGGGCTTGCA
GCGTCTTCCCGAGCCTCTCTGGATCCAGGGGAGGCCCAAGGAGTTCCCTGCACAGCACCATCCCC
CGAGCCACCTCTCAGAGGCTGCTGAGGGTGCCAGGCCGATGCCTCTCATCCAGAGCATCCCTACCACC
CCTGAGGCCAGCGGAGTCAAAGAGAAGGGCCTGGACCTACCGGGGAGCATTCCGGGTCTCACGAGTTG
AGACCCGGTGCTCAGGAGGCGCAGATCTCTGGCAATACCTGCACTGCAATGATGAGAAGATGCAGAAG
TCCCTGGGCGCCATCGTGATCCACCCATCCAAAGGCCAGGACGGTTCAGCGACCCCCCTCCGTGTG
CCTGGCTCCCTTCCAGCCCGTTACCTCCAGGCCAGGAGTCTCACAGGCTGAGGGCCCCACGCAGC
CGATTGGCTCGGGGAGTGGGCCTCGGGAGAAGACCCCTGCATCTCTGGAGCCAAAACCTTTGGCCTCA
CCCATCAGAGACAGGCCCTGCCGTGCCAAGAAGCCTGCCCTGCCCTTTTCTCAGTCTGCTCCACGCTG
ACAGCCTTCTCCTTTGACTGTGCCAGAGAAGCCTGCCCTCCGCTGAAAGAAGAGGACCAGAAAGGAGATC
GGCACCAAGATCCAAGTACCATCTCCAAGTCTGCCCGGAGAAGATGCAGCTGAAGCAGATGAAGGAG
ATGGAGCTGCTTCGGAGGCTGGAGGAGCCAGGACAGGGCAGGAGCTCACTTCCAGTGCCTGGGTCC
CAGAGAGCCTTCATGAAGGAAGGCCTCTTCCCTCCGGGCGAGCGGGACACTGTCTGTGCCCACTAGG
CTGAGCGGCCATGCAGAAACGACGTGAGCATCATCTGAGGAAGTGGCCAGCCGGGCCTCCCTGCC
AGCATCCCCATCAGCCGGCAGGACCCCGCTTTGCCGCCACGCCTCAGCTAACTATTACCTGCGGTG
CTCACGTTGGGTCTCTGAATGGGAAGAAGAGGAGGAGATGGATCTTAGAGCCTGAAGGAGTTGAGG
CCTTTCTCGAACCCGGAGCTGGGGCTGAGGGATGCACTCCAGTGCCTCAACAGCAGTGACTGGCAGATG



[View online »](#)

```

AAGGAGAAGGGTCTGGTGAGCATCCAGCGCTTGGCAGCCTGTCACTCAGAGGTCTCACCGGAAGCTG
CACGACGTGTGCTTGGTGGTGACTGGGGAGGTACCAACCTGCGGTCCAAGGTGTCTCACCTGGCCATC
AGCACCTTGGGAGACCTCTCCAGGCCTTGAAGAAGAATATGGACCAGGAGGCCGAGGAGATCGCCCCG
TGCTTGCTGCAGAAGATGGCGGACCAACGAGTTCATCCAGAGAGCAGCCGGCCAGTCTCTGAGGGCT
ATGGTGGAGAATGTGACCCTTGCCCGCTCCCTGGTGGTCTCACCTCGGCGGGTGTCTACCACCGGAAC
CCCTTGATCCGGAATACGCGGCTGAGCACCTCTCAGCTGTGCTGGAGCAGATCGGCGCTGAGAAGCTT
CTCTCGGGCACCAGAGACAGCACAGACATGTTGGTGCACAACCTGGTGAGGCTGGCACAGGACTCCAAC
CAGGACACCAGATTTTATGGCCGGAAGATGGTGAATATCTTGATGGCGAACACTAAGTTTGATGCATTT
CTGAAGCAATCTCTCCATCTTACGACTTGAGAAGGTATGGCGGCCATTAAACAGCAGGGAATAGAA
GATAATGATGAACCTCCCTCTGCCAAAGGCCGCAAGGTGTTGAGGAGTCTGGTGGTGTGTGAGAACGGG
CTGCCCCATCAAGGAGGGGCTCAGCTGCAATGGCCCAAGGCTGGTGGGGCTGCGCTCCACACTGCAGGGC
CGCGGGGAGATGGTGGAGCAGCTACGGGAGCTGACACGGCTGCTGGAGGCCAAGGACTTCCGGTCCCGG
ATGGAAGGCGTGGGCAGCTCCTGGAGCTCTGCAAGGCCAAGACGGAGCTTGTCACTGCCACCTGGTC
CAGGTCTTTGATGCTTTACCCCAAGGCTTCAGGATTCCAACAAGAAAGTGAACCACTGGGCGCTGGAG
TCCTTCGCCAAGATGATCCCCCTCTCAGAGAGAGCTTACACCCATGCTCTCCATCATCACT
GTTGCAGACAACCTCAACTCCAAGAACTCAGGGATTTACGCTGCTGCCGTGGCTGTGCTGGATGCGATG
GTTGAGAGCCTGGACAACCTTTGCTTCTACCAGCGCTTGTGGCGAGTGCGTTTCTGAGTGGCCGT
GCGGTGCTGGATGTACAGATCGCTGGCAGTGTGTTGGCCTCAGTTTACCCCGGAAGCCTCAAGCT
GTAGAGCGGCATGTCTTCCCATCTCTGGCACTTCTGAACACCGCCACCAGGAATGGCACCTGCCT
GGACCCAGCGGGAACATCCGCGGGGTGGTGTGCCGGCTGTCCAGGAGCCTCCAGGAGCACATGGGCTCC
CGCTGCTGGACTTTGCCGCCAGCCAGCCAAAGCACGCTCTCAAGACGCTCCAGGAACCTTAGACTCA
GAGTCTTGGGAGGCAGCCGCAAGGCCACTGACAGAGGGGTGGCCCTGACAGCAAGACAACCTGGCAGC
TCATACCCTTTTCAGCTGGATTAA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

```

Restriction Sites:	SgfI-MluI
ACCN:	NM_199280
Insert Size:	3060 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).
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_199280.2</u>

RefSeq Size:	3564 bp
RefSeq ORF:	3060 bp
Locus ID:	165186
UniProt ID:	<u>Q6ZUX3</u>
Cytogenetics:	2p23.2
MW:	111.2 kDa