

Product datasheet for MC209600

Tgoln2 (NM_009444) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tgoln2 (NM_009444) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tgoln2
Synonyms: TGN38B; TGN41; TGN46; Ttgn2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209600 representing NM_009444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGCGGTTCCAGGTTGCGTTGCTCCTGCTGAGTGTGCGGGTGGCGAGAGCTCTGCCGCCGTTTATAAGA
 GAGACGCCGACTCAGGTACTCTCAGAATCCTCCGAATCAGCCTTCCAAACAGTCTCCACTCCCCTGCC
 TCCTGAGTCTTCTAACCAGGTAAGACTACAAGGCCGACCGAGGTGAGGGCAGAAAGTCAGATAAAAAA
 GACCAGGACAAGACGACTTTGGCAGCAGTTTCCAGTAAGGCGGAATCTGGGCCGCCGACCGCCGACCCG
 ATCACAGTTTGGGTGATTCAGAAGGCAGCCCGAGAAAACGGATGCCGAGTTGAAGGAAACTGCGCGGCC
 CCTCTCACCAGTCAACCCAAAAGTCTGATCAGAGCTCCACAGAAGATTAGGCAAGCCACACA
 GGAGGTAATTCTGGCAAGCCACGGGAGGTGATTCTGGCAAGCCACAGGAGGTGATTCTGACAAGCCCA
 CAGAAGCTGGTTCGAATAAGGCCACAGAAGATGATTCTGGCAAGTCCACGAAAGTTGATTGGACAAGCC
 CACCTCCAAAATCTTCCAGATACGGAGACTTCGAAGACTGACAAAGTCCAGCCAAGTAAAAAGGACAA
 AAAGCAACTTACTTCCAAAAGTGAATCTGGGAAAACACTGGCAGGGGACTCTGACTTCTTTAAAGC
 CAGAGAAAGGAGATAAGTCTTCCAGCCTACTGAAGACGTGGAACCAAGGAGATTGAAGAGGGTGACAC
 AGAGCCGGAAGAAGGCTACCCTTGAAGAAGAGAATGAAAAGGTGTCGGGCCCTTCTCCAGTGAGAAC
 CAAGAGGGGACACTTACAGATTCTATGAAGAATGAGAAGGATGATCTTTATAAGGACAGTTCTGGAACA
 CCAGTGCAGAGAGCAGCCACTTCTTTGCATATCTAGTGACCGCTGCTGTTCTCGTTGCTGTCTCTATAT
 TGCTTACCACAACAAACGGAAGATTATTGCTTTTCTGCTGGAAGGGAAAAGATCCAAAGTCACTCGGAGG
 CCGAAGGCCAGTGACTACCAACGTTTGAACCTAAAGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009444



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Insert Size:	1092 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:	<ol style="list-style-type: none">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_009444.1</u> , <u>NP_033470.1</u>
RefSeq Size:	2265 bp
RefSeq ORF:	1092 bp
Locus ID:	22135
UniProt ID:	<u>Q62314</u>
Gene Summary:	May be involved in regulating membrane traffic to and from trans-Golgi network. [UniProtKB/Swiss-Prot Function]