

Product datasheet for RN209099

Tgoln2 (NM_138840) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgoln2 (NM_138840) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tgoln2
Synonyms:	Tgn38; Tgoln1; Ttgn1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209099 representing NM_138840 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGATTCTGGTTGCGTTGCTCCTGCTGAGTGTGCGGGTGGCGAGAGCTTGCCATCCGCTTCTAAGC
CAAACAACACATCAAGTAAAAAATCCTCCGATTCAACCTCCACGCCCTGCCTCTGGGTTGATAT
TTCTCAACAGGTAAGACTAACAGACCGACTGATCAGAGGCTGGAGTCGGATAAAGAAGGCCAGGACAAG
ACGGTGGCTAGGACTTCGGCATCAGTTTCCAGTGGGTGGAATCTGCGACCAATCTCAATTTGGATGATT
CCAAAAAGCACCCGAAACAGCAGATGCCAAATGAAGGAACTTGCAGCAGCTTTTGCCTGTGGACCC
CAAACAGGAAAAGTCAGGTCAGAAGTTTACAAAAGATTACGGCAGCCCCACAGGAGGTGATCCGACAAT
ACCACAGGAGGTGATTCTAACAAGACCACAGGAGTTGATTCTGACAAGACATCAGGAGGTGATTCTAACA
AGCCCACAGGAAGTGATAATGACAAGCCCACAGGAGGTGATTCTAACAAGCCCACCTCAAAGTCCCCTC
CAATACAGAGACTCCAAAAATTGACAAAGTCCAGCTAACTGAAAAAGGACAGAAACCAACTTATTTCC
AAAAGTGAATCTGGGAAAAACTGGCAGGGACTCTGACTTCTCTTTAAAGCCAGAGAAAGGAGATAAGT
CTTCAGAGCCTACTGAAGATGTGGAACCAAGGAGATTGAAGAGGGTGATACAGAGCCCCAAGAAGGTTCC
ACCACTGAAGAAGAGAATGAAAAGGTGTTGGCCCTTCTCCAGTGAGAACCAAGAGGGGACACTTACA
GATTCTATGAAGGATGAGAAGGATGACCATTATAAGACAATCTGAAAACACCAGTGCAGAAAGCAGCC
ACTTCTTTGCTTATCTGGTGACCGCTGCTTCTTGTGCTGTCTCTATATTGCTTACCACAACAAACG
AAAGATTATTGCTTTTGCCTGGAAGGAAAAAGATCCAAAGTCACTCGGAGGCCAAAGGCCAGTGACTAC
CAACGTTTGAACCTAAAGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_138840
Insert Size:	1074 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_138840.2</u> , <u>NP_620195.1</u>
RefSeq Size:	4744 bp
RefSeq ORF:	1074 bp
Locus ID:	192152
UniProt ID:	<u>P19814</u>
Cytogenetics:	4q31
Gene Summary:	resident integral membrane proteins of the trans-Golgi network (TGN), cycles constitutively between the TGN and the plasma membrane [RGD, Feb 2006]