

Product datasheet for **MG203682**

Tollip (NM_023764) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tollip (NM_023764) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tollip
Synonyms: 4930403G24Rik; 4931428G15Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203682 representing NM_023764
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACCACCGTCAGCACGCAGCGGGCCGGTGTACATTGGTGAACCCCCAGGACTTCCTCCGTA
 TAACACCCACACAACAGCAGCAGCAGATCCAGCTGGATGCCAGGCAGCCAGCAGCTGCAGTATGGAGG
 AACAGTTGGTACCGTGGGTGCCTCAGCATCACTGTGGTACAGGCAAAATTGGCAAAGAATTATGGCATG
 ACTCGTATGGACCCTTACTGCCGTCTGCGTCTGGGCTATGCTGTTTATGAACTCCACAGCACACAATG
 GGGCCAAGAACCCTCGTGAACAAAGTCAATTCAGTGCACAGTCCCCCAGGTGTGGACTCGTTCTACCT
 TGAGATCTTCGATGAGCGCGCCTTCTCCATGGATGACCGCATAGCTTGGACCCACATCACCATCCCCGAG
 TCCTGAAGCAGGGCCAAGTGGAGGACGAGTGGTATAGCCTGAGTGGGAGGCAGGGCGATGACAAGGAGG
 GCATGATTAACCTGGTCAATGTCCACACGTCCTCCCAGCTGCCATGATGATGCCTCCTCAGCCTGTGGT
 CCTGATGCCAACTGTGTACCAGCAGGGTGTGGCTATGTGCCATTGCAGGGATGCCTGTCTGCAGC
 CCTGGCATGGTGCCGATGGCCATGCCCCACCAGCTGTGGCTCCTCAGCCCCGCTGTAATGAAGAGGACC
 TCAAAGCTATCCAGGACATGTTTCCAACATGGACAGGGAAGTAAATCCGTTCTGTGCTTGAAGCCAGAG
 AGGGAACAAAGATGCTGCCATCAATTCCTTGTGCAAATGGGTGAAGAGTCC

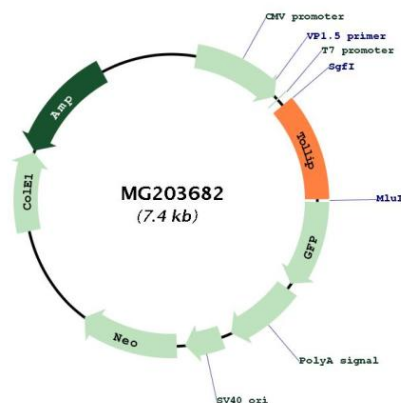
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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:	NM_023764.4
RefSeq Size:	3705 bp
RefSeq ORF:	825 bp
Locus ID:	54473
UniProt ID:	Q9QZ06
Cytogenetics:	7 F5
Gene Summary:	Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity. Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates. The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203682