

Product datasheet for MC209983

Tollip (NM_023764) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tollip (NM_023764) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tollip
Synonyms:	4930403G24Rik; 4931428G15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209983 representing NM_023764 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACCACCGTCAGCACGCAGCGGGCCGGGTACATTGGTGAACCCCCAGGACTTCCTCCGTA
TAACACCCACACAACAGCAGCAGCAGATCCAGCTGGATGCCAGGCAGCCAGCAGCTGCAGTATGGAGG
AACAGTTGGTACCGTGGGTCGCCTCAGCATCACTGTGGTACAGGCAAAATTGGCAAAGAATTATGGCATG
ACTCGTATGGACCCTTACTGCCGTCTGCGTCTGGGCTATGCTGTTTATGAACTCCACAGCACACAATG
GGCCAAGAACCCTCGTGGAACAAAGTCAATTCAGTGCACAGTCCCCCAGGTGTGGACTCGTTCTACCT
TGAGATCTTCGATGAGCGCGCCTTCTCCATGGATGACCGCATAGCTTGGACCCACATCACCATCCCCGAG
TCCTGAAGCAGGGCCAAGTGGAGGACGAGTGGTATAGCCTGAGTGGGAGGCAGGGCGATGACAAGGAGG
GCATGATTAACCTGGTCAATGTCCACACGTCCTCCCAGCTGCCATGATGATGCCTCCTCAGCCTGTGGT
CCTGATGCCAACTGTGTACCAGCAGGGTGTGGCTATGTGCCATTGCAGGGATGCCTGTCTGCAGC
CCTGGCATGGTGCCGATGGCCATGCCCCACCAGCTGTGGCTCCTCAGCCCCGCTGTAATGAAGAGGACC
TCAAAGCTATCCAGGACATGTTTCCAACATGGACAGGGAAGTAAATCCGTTCTGTGCTTGAAGCCAGAG
AGGGAACAAAGATGCTGCCATCAATTCCTTGTGCAAAATGGGTGAAGAGTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_023764
Insert Size:	825 bp



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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:	NM_023764.3 , NP_076253.1
RefSeq Size:	3705 bp
RefSeq ORF:	825 bp
Locus ID:	54473
UniProt ID:	Q9QZ06
Cytogenetics:	7 F5
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>