

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_183010 unedited AAACGCTACGGACTTTTTAACTCCTTTGTTTCTCTGGGNAAGGCCAGGCAGNATGCAAGG TGTCCACAGGAGGGGTAAGCAGAGAGGACTACAGGGGGCTGCAGTCCTAGTACCCGTGTG GGGAGGACTGAGGGATGGTGAGTTTGGTCTCCGGAGGGGGCTCCAGTCTGGTGCCCACT TCTGACACCTGCCCTCCTGAGTTCACACTGGAGTCCTTGCACTCCTGAAACCACAAGGC CTGCCTGAACCTGGGTGAGGAGAGAAACACTTGGGAGGGGAAAGGACGGCGTGGGCTA CCCATGACGGCTGAGTCTTCTGGGGCTTGTGTCTTCCCTTGGCAGAAGAGGGCACA GCCAAGGCAAGGAGGGGCTGAAGGCTGCGGGGCCATCCCAGCCTGCCAGAGCCATGCCCC TGAATCCTCAGCTTCAAATCAGGGGTCTCAGGACAGAGGATGCTGGGTGGGCTCAGAGC TCATCAGGGGGGCTGTGTGTGAGAGGGGATGCCTTCTGGATGCCCTATCCTCCTCGGGG CTGGGGTCTCCCTCAAGGCCACCCAGCTCCTTCTTTGTTTGTGCTGCTACTCCTGCCG NCTGCTGCCTGGCCCTGCTGCTTCTTCTTGGACTTCTCCCTCCCAGNCGAGCTGTG TCTCCCTTCTTGGCCGACCACTGCTCTGCCAGGCAACTGGGGTCTTTCCCTTCCAGCAG TGGTTGGCCCATAGGAATCCACCAGGTCTTCTCCCGCTGGGTCCCTGTACCAGTCCCT TGATCCCTCCTTAACTTTTCCACCAGCCATCACACTGCTTCTTTGAGGTCGCCCCCT TTGCACTAGTCTTGTTCACAGTTTCTAGGGGTTTCTTACCCCTTGACCCCTTTGTG TTCCCCGTTGTGTAATGTCTTAAAGTCT
Restriction Sites:	NotI-NotI
ACCN:	NM_183010
Insert Size:	1570 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:	NM_183010.1 , NP_898828.2
RefSeq Size:	1593 bp
RefSeq ORF:	1593 bp
Locus ID:	10695
Cytogenetics:	6p21.1

Gene Summary:

This gene encodes a protein that binds members of the toll-like receptor protein family and functions as a chaperone to aid in folding and export of these proteins. Alternative splicing results in multiple transcript variants. Naturally occurring readthrough transcription occurs between this locus and the downstream GNMT (glycine N-methyltransferase) gene and is represented with GeneID:107080644. [provided by RefSeq, Jan 2016]