

Product datasheet for **MG206380**

Pisd (NM_177298) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pisd (NM_177298) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pisd
Synonyms: 9030221M09Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206380 representing NM_177298
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGTCTGGGGCCGCGGTGTGTGCGCTCGCTTCGTGGAGGTGTGCTGTGGCGGAGCAGCCCT
 GTCACTATGAATCTACTGCCACACGCCATTTCTGGGGACCTTACAGAAATTGCCTTTCAGGCAGGTGT
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 GGTGGAGGGTATGCCGGTACCGCAGTATGAGAAGTACAGGGAACGGAAGCTTGAGAAGCTGGGCTTGG
 AGATCCC GCCAAACTTGTAGTCACTGGGAGGTGCCCTGTATAAATCTGTGCCAACGCGTTTGTGTGTC
 ACGTGCCTGTGGTCGCCTCAACCAAGTAGAACTTCCTTACTGGCTCCGGAGGCCAGTCTACAGCCTGTAT
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 ACTCCTCAGAAACCAGCTGGTCACCCGGAAGGGAATGAGCTGTACCACTGTGTATCTACCTGGCCCC
 AGGAGACTACCACTGCTTCCACTCCCCACTGACTGGACCATCTCACATCGGCCCACTTCCAGGTTCC
 CTGATGTCAGTGAACCTGGCATGGCCGATGGATCAAAGAGCTTTTTGTCACAATGAGCGTGTAGTCC
 TAACTGGAGACTGAAACATGGGTTCTTCTCGTTGACAGCAGTGGGAGCCACCAATGTGGGCTCTATCCG
 TATCCACTTTGACCGAGACCTGCACACAACAGCCCCAGGTACAGCAAGGGCTCCTACAATGACCTGAGC
 TTTGTAACACATGCCAACAAGGAGGGCATTCCCATGCGCAAGGGTGGAGCCCTGGGGAGTTCAACCTGG
 GCTCCACCATCGTGTCTATCTTCGAGGCACCCAAGGACTTCAACTTCAGGCTGAAGGCAGGGCAGAAGAT
 CCGCTTTGGGAAGCACTGGGCTCCCTC

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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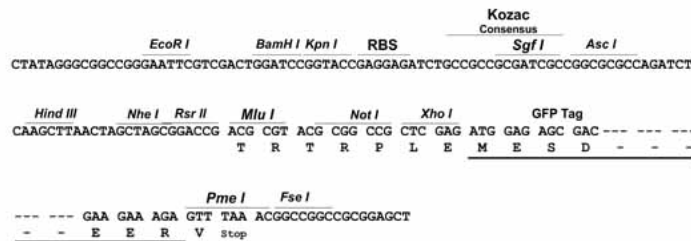
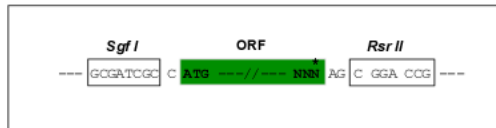
MAASGGRACVRSRLRGGVLWRSSPCHYESTATRHFLGTLQKLPLQAGVRNFHTAPVRSFLLLRPVILLAT
 GGGYAGYRQYKEYRERKLEKLGLEIPPKLASHWEVSLYKSVPTRLLSRACGRNLNQVELPYWLRPVSLSLY
 IWTFGVNMTEAAVEDLHHRNLSEFFRRKLPQARPVCGLHCVTSPSDGKILTFGQVKNSEVEQVKGVTY
 SLESFLGPRANTEDLPFPASSSDSFRNQLVTRREGNELYHCVIYLAPGDYHCFHSPTDWTISHRRHFPGS
 LMSVNPGMARWIKELFCHNERVLTGDWKHGFFSLTAVGATNVGSIIRIHFDRDLHTNSPRYSKGSYNDLS
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SGPTRRRLE - GFP Tag - V

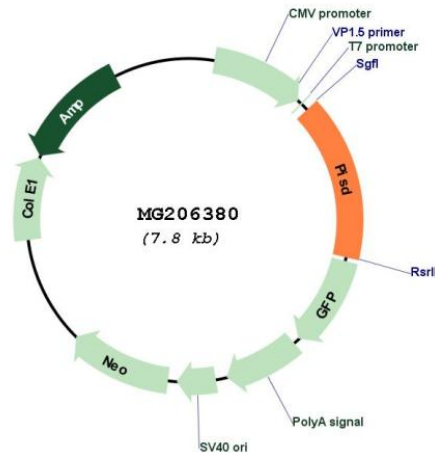
Restriction Sites: SgfI-RsrII

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_177298

ORF Size:	1218 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_177298.3 , NP_796272.2
RefSeq Size:	2150 bp
RefSeq ORF:	1221 bp
Locus ID:	320951
UniProt ID:	Q8BSF4
Cytogenetics:	5 B1
Gene Summary:	Catalyzes the formation of phosphatidylethanolamine (PtdEtn) from phosphatidylserine (PtdSer). Plays a central role in phospholipid metabolism and in the interorganelle trafficking of phosphatidylserine.[UniProtKB/Swiss-Prot Function]