

Product datasheet for **MG211232**

Pcdhga9 (NM_033592) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga9 (NM_033592) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pcdhga9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MG211232 representing NM_033592
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTGCTGCCCCGCCAGACGCCGCACTGCAGAGAACTGGTCGTCTTGTGTGCACTGCTAGGGATGC
TGTGGGAGGCCAGGGCCGGGCAATCCGCTATTCCGTGCCAGAAGAGACAGAAAAGGGCTATATAGTGGG
AAACATCTCTAAGGACCTGGGACTGGAGCCCCGTGAGCTGGCAGAGCGCGGAGTCCGCATCATCTCCAAA
GGTAAGACCCAGCTTTTCTCTCTGAGTCCGCGGAGCGGCAGCTTGGTCACCGCAGGCAGGATAGACCGGG
AGGAGCTGTGCGCTCAGAGCGGCACTTGTCTCCTAACTTTAAAGTCTAGTTGAGGACAGAGTGAACT
TTATGGGTGGAAGTAGAAGTGGTTGATATCAATGACAATGCGCCAAAATTTAGGCCGAAAATTTGTTT
GTAAAAATCAGTGAAATCGTGGCCCCGGAGCAAGGTATCCACTCCAGAAAGCGTTGACCCAGATGTGG
GCATAAATCCCTCCAGAGTTACCAGCTCAGCCCCAATCGCCACTTCTCTCTCCACTGCAAACTGGAGA
CGACGGAATATAAACCAGAGCTGGTGTGGAGCGCACCTGGACCGAGAGGAAGAACCCTCACCAC
CTGGTCTCCACCGCTACGATGGCGGCAACCCACGCCGCTCCAGCACAGCGCTCATCCAGGTACAGTGT
TGGATACTAACGATAATGCCCTGTTTTGACCAACCGGTTTACCGCGTGAAAGTCTTGAGAATGTGGC
CCCGGGCACCCCTGCTGCTCAGTGAAGCTAGCGACCCGGATGAGGGTGCCAAATGGGAAGGTGACATAC
AAATCCGGAAAAATTAATGAAAAGCATTGCTGTTGTTTCATCTTCATGAAAACACTGGGGAAATGACAG
TAGCGAAAAATCTGGACTATGAAGAATGTTGTTGTATGAAATGGAAATACAGGCTGAAGATGGTGGGG
ACTGAAAGGGCGGACCAAAGTGGTAGTTATGGTAGAAGATGTAATGACAATCGGCCGGAAGTGACCATT
ACCTCTCTGTTTAGCCCAGTAAGGGAAGATGCGCCCCAGGGACAGTAATCCTCCTTTCAATGCTCATG
ACCAAGATTCTGGGAAGAATGGCAAGTTGTCTGTTCCATCCAGGAGAACCCTCCTTTAAATTAGAAAA
CTCAGTAGACGATTACTATAGTTGTTGACAGCCAGATCCTTGATCGAGAAAAGGCTTCTGAGTATAAC
ATCACAGTGACAGCAACAGACAGGGGAACCCCATCATGTCCACAGAAGTTCACATCACCCTGTATGTGG
CTGACATCAATGACAATCCTCCTGCCTTCTCTAAACCTCCTACTCAGTCTATCTCCCGAAAAACAACC
CAGAGGCACCTCCATCTTCTCAGTTAGCGCCCATGACCCTGACGACGAGGAGAATGCTAAGGTTACTTAC
TCTTTGGTGAAAAACACCATCCAGGGGGCACCCTCTCCTCTACGTCTCCATTAATTCTGACACTGGCG
TGCTCTATGCTCTGCAATCCTTTGACTATGAGCAGTTTCAAACCTTCAAATGCAGGTGAAGGCGAGTGA
CAACGGGCACCCGCCACTCAGCAGCAATGTGTCCCTGTCTGTGTTTCTATTGGATCAGAATGACAATGCT
CCCAAGATCCTGTATCCCTCCCTCCGACTGACGTTCCACTGGTGTGGAAGTGGCTCCCGCTCAGCAG
AGGCTGGGTATCTGGTGACCAAGGTGGTGGCAGTGGACAAAGACTCTGGACAGAATGCTTGGTTGTCTTA
CCGTCTGCTCAAAGCTAGTGAGCCAGGACTTTTACAGTGGGGCTACGCTCAGGCGAAATACGCACAGCT
CGGGCCCTGCTAGAGAGAGATGCACTCAAGCAAAGCCTCGTGGTAGCTGTGCAGGACCATGGCCAGCCAC
CTCTTTAGCTACCATCACTCTCACAGTGGCTGTGGCAGACAGCATCCCTGACATCCTAGCTGACTTGGG
CAGTATCAACACTCCTGCAGACCCGATTCTGACATTACTCTCTACCTGGTGGTAGCAGTTGCTGTGGTC
TCCTGTGTCTTCTACTCTTTGTGCTAGTGCTGCTGGCCCTTAGGCTACGGCGCTGGCATGCTTCGCACC
TGCTGCAGGATGCAATGGGCGGATCCACTGGGGTACCAACATCACATATTGTGGGTGTGCATGGGGTTCA
GACTTTCTACAAACCTATTCTCAAGAGTTTTCCCTCACACCTGACTCTGGGAAGAGCCACCTGATCTTC
CCCCAGCCCAACTACGCAGACACACTCATCAGCCAGGAGAGCTGTGGGAAGAGTGAACCTCTGTGAGTT
CAGTTGAGCCCAAGTTTCTATTGATGACACTCCTTTGGTTCTCAAGCCCCGCCAACACTGACTGGCG
TTTCTCTCAAGCCAGAGACCCGGCAGAGCGGATCCCAAAATGGTGATGAAACTGGCACCTGGCCCAAC
AACCAGTTTGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGCGAAGCTGCTGATGGGAGCT
CTACCCTGGGAGGGGGCGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCA
CGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAA
CGAGATGGCAAGGCTCCAGCAGGTGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG211232 representing NM_033592
Red=Cloning site Green=Tags(s)

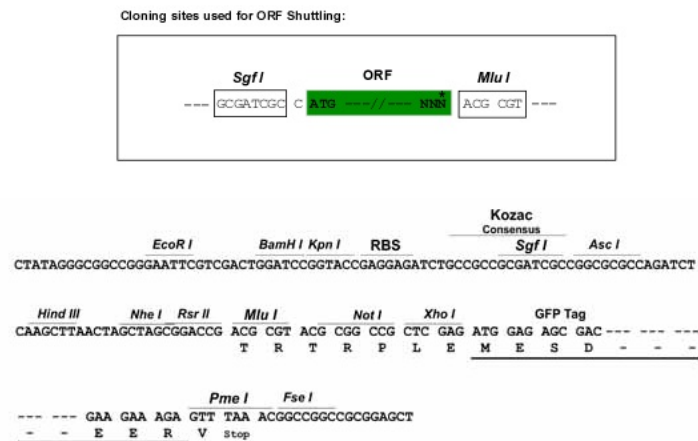
MAAAPARRPHCRELVVLCALLGMLWEARAGQIRYSVPEETEKGYIVGNISKDLGLEPRELAERGVRRIISK
GKTQLFSLSPRSGSLVTAGRIDREELCAQSATCLLNFKVLVEDRVKLYGVEVEVDINDNAPKFEAENLF
VKISEIAAPGARYPLPEAVDPDVGINSLSYQLSPNRHFSHLQTGDDGTINPELVLERTLDREEPTHH
LVLTAIDGGNPPRSSTALIQTVDLTNDNAPVFDQPVYRVKVLNVAPGTLTLLTVRASDPDEGANGKVITY
KFRKINEKHSLLFHLHENTGEMTVAKNLDYEECSLYEMEIQAEDEGGGLKGRTKVVMVEDVNDNRPEVTI
TSLFSPVREDAPPGTVILLFNAHDQDSGKNGQVVCSIQENPSFKLENSVDYRLLTAQILDREKASEYN
ITVTATDRGTPSMSTEVHITLYVADINDNPPAFSQTSSVYLPENNPRGTSIFSVAHDPDDEENAKVTY
SLVENTIQGAPLSSVVSINSDTGVLVALQSFDEYEQFNLQMVKASDNGHPPLSSNVLSVFLDQNDNA
PKILYPSLPTDGGSTGVELAPRSAEAGYLVTKVAVDKDSGQNAWLSYRLKASEPGLFTVGLRSGEIRTA
RALLERDALKQSLVAVQDHQPPLSATITLTVAVADSIDILADLGSINTPADPDSITLYLVVAVAVV
SCVFLFVLVLLALRLRWHASHLLQDAMGGSTGVPTSHIVGVHGVQTFQTYSQEFSLTPDSGKSHLIF
PQPNYADTLISQESCGKSEPLCSSVEPKFPIDDTPLVPQAPPNTDWRFSQAQRPGTSGSQNGDETGTWPN
NQFDTEMLQAMILASASEAADGSSTLGGGAGTMGLSARYGPQFTLQHPDYRQNVYIPGSNATLTNAAGK
RDGKAPAGGNGNKKKSGKKEKK

TRTRPLE – GFP Tag – V

Restriction Sites:

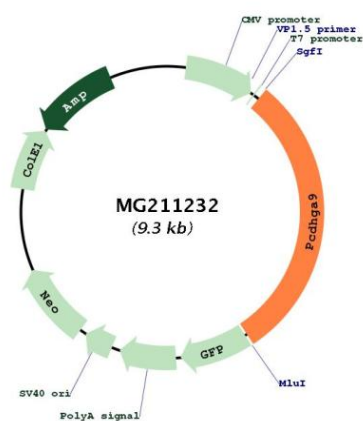
SgfI-MluI

Cloning Scheme:



ACCN:	NM_033592
ORF Size:	2796 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_033592.3 , NP_291070.1
RefSeq Size:	4717 bp
RefSeq ORF:	2799 bp
Locus ID:	93717
Cytogenetics:	18 B3

Product images:



Circular map for MG211232