

Product datasheet for **MG211224**

Pcdhga10 (BC035540) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga10 (BC035540) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pcdhga10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG211224 representing BC035540
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCTCAAAGGAATCTCTCAGAGCGCACAACTGGTCCTCTTTTCTTATGGATGCCTGGGAAT
 CCGCAGCTCGGCAGATCCGCTATTCAGTTCCTGAGGAAGCTAGAGAAAGGCTCTTTTGTGGCAACATCGC
 CAAGGACCTGGGCTGGAGCCCCGCCAGCTGGCGGAACGCGGGTCCGCATCATCTCCAGAGGTAGTCT
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 GGCAAGGCTCCAGCAGGTGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG211224 representing BC035540
 Red=Cloning site Green=Tags(s)

MAAQRNLSERTKLVLLFLWMPWESAAQRIRYSVPEELEKGSFVGNIAKDLGLEPRQLAERGVRIISRGRS
 QLFSLNPRGGSLVTAGRIDREELCAQSAPCLVSFNILVEDRVKLFGEIEVTDVNDNAPKFQAEITLDVKI
 NENVAPGMRFPLEATDPDVGVNSLQSYQLSSNKHFSLVVOQSGAKGVKYPELVLEQALDREEEAIIHHLVL
 VASDGGNPPRSGTVLITVTVFDANDNAPVFTSTEYRVNIPENLPVGTQLLKVTATDKDEGANGETVYAFR
 KSLDTQLSKFQLDKHTGEIKISENL DYEEMSFYEIEIQ AEDGGAYLATAKVLITVEDVNDNSPEVTITSL
 FSPVTEDSPVGTVIALLNVDLDSGQNGEVACISGNLPFKLEKSIDNYRSLVTQRALDREQVPAYNITV
 TATDGGNPPPLSTKADFTLQVADINDNPPTFSHPSYFTYIPENNPRGASIFSVTALDPDSKENAQIVYSLA
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 LYPTMPTDGGSTGVELAPRSAELGYLVTKVVAVDRDSGQNAWLSYRLLKASEPGLFTVGLHTGEVRTARAL
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 VFLAFVIVLLALKLRWHKSHVLQSSRDGLAGVPASHYVGV DGVRAFLQTY SHEVSLTADSRKSHLIFPQ
 PNYADTLISQESCEKDP LSLDDSKCPVEDAPLVPQAPPNTD WRF SQAQRPGTSGSQNGDETGTWPNNQ
 FDT EMLQAMILASASEAADGSSTLGGGAGTMGLSARYGPQFTLQHVPDYRQNVYIPGSNATLTNAAGKR
 GKAPAGGNGNKKKSGKKEKK

TRTRPLE - GFP Tag - V

Restriction Sites:

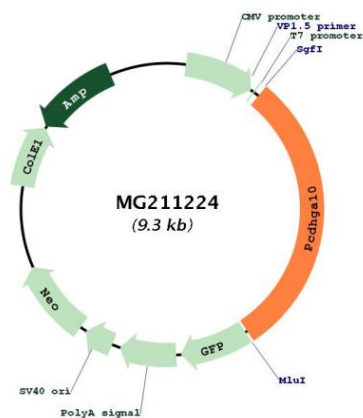
SgfI-MluI

Cloning Scheme:



ACCN:	BC035540
ORF Size:	2792 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:	BC035540 , AAH35540
RefSeq Size:	4709 bp
RefSeq ORF:	2792 bp
Locus ID:	93722
Cytogenetics:	18 B3

Product images:



Circular map for MG211224