

Product datasheet for MR221658

Pde6h (NM_023898) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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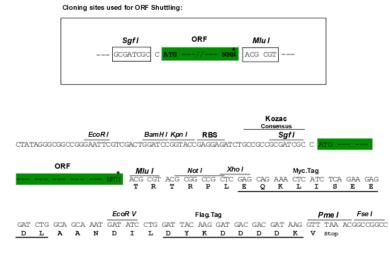
Product Type:	Expression Plasmids
Product Name:	Pde6h (NM_023898) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pde6h
Synonyms:	A930033D18Rik; PDEgamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221658 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAGTGACAGCCCTTCCCTGAGTCCTCCAGCACCAAGCCAGGGCCCTACTACCCCACGCAAAGGGCCCC CCAAGTTCAAGCAGAGGCAGACTCGACAGTTCAAGAGCAAGCCTCCCAAGAAAGGGGTGAAAGGGTTTGG AGATGACATCCCAGGCATGGAGGGGGCTAGGAACAGATATCACGGTCATCTGTCCCTGGGAAGCGTTCAGC CATCTGGAGCTGCATGAGCTTGCTCAGTTCGGGATCATA
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>MR221658 protein sequence <mark>Red=</mark> Cloning site Green=Tags(s)
	MSDSPSLSPPAPSQGPTTPRKGPPKFKQRQTRQFKSKPPKKGVKGFGDDIPGMEGLGTDITVICPWEAFS HLELHELAQFGII
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul



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Cloning Scheme:



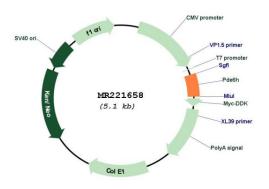
* The last codon before the Stop codon of the ORF

ACCN:	NM_023898
ORF Size:	252 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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 023898.4, NP 076387.2</u>
RefSeq Size:	574 bp
RefSeq ORF:	252 bp

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Locus ID:	78600
UniProt ID:	<u>P61249</u>
Cytogenetics:	6 G1
MW:	9 kDa
Gene Summary:	Participates in processes of transmission and amplification of the visual signal. cGMP-PDEs are the effector molecules in G-protein-mediated phototransduction in vertebrate rods and cones.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221658

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