

Product datasheet for MG215573

Mrgpra2a (NM_001172588) Mouse Tagged ORF Clone

Product data:

ACCN:

ORF Size:

Product Type:	Expression Plasmids
Product Name:	Mrgpra2a (NM_001172588) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Mrgpra2a
Synonyms:	MGC73535
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:
	Sgfl ORF Miul

CGATCGC

Mlu I
 Hind III
 Nhe I
 Rsr II
 Miu I
 Not I
 Xho I
 GFP Tag

 CAAGCTTAACTAGCGACGGACGGACG
 ACG CGT ACG CGG CGC CGC GAG ATG GAG AGG GAC
 T
 R
 T
 R
 P
 L
 E
 M
 E
 S
 D

BamH I Kpn I

RBS

EcoR I

Nhe I Rsr II

Hind III

NM_001172588

993 bp

CG CG

Kozac Sgf I

Asc I

GFP Tag

OriGene Technologies, Inc.

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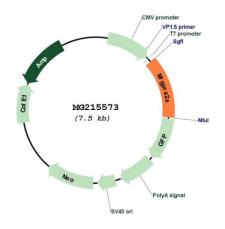


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ORIGENE Mrgpra2a (NM_001172588) Mouse Tagged ORF Clone – MG215573	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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 001172588.1, NP 001166059.1</u>
RefSeq Size:	1278 bp
RefSeq ORF:	996 bp
Locus ID:	668727
UniProt ID:	<u>Q91WW4</u>
Cytogenetics:	7 B3
Gene Summary:	Orphan receptor. May be a receptor for RFamide-family neuropeptides such as NPFF and NPAF, which are analgesic in vivo. May regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MG215573

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