

Product datasheet for **MG217813**

Gpr25 (NM_001101516) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr25 (NM_001101516) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gpr25
Synonyms:	Gm1300
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG217813 representing NM_001101516 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGTCCACCGAACCCCTGGAGTCTAGCTGGGGCACGTTGTCCTGGGACTATTCGGGCTCGGGCTCC
TGGACCAAGTGGAGTTGTGCCCTGCTTGGAACTGCCTTACGGCCACGCCATCATCCAGCGCTCTACCT
GGCGGCCCTTCGCCGTGGCCTGCCGGCAACGCCTTCGTGGTGTGGCTACTGAGCCGGCAGCGGGGCCG
CGCGGGCTGGTGGACACCTTCGTGCTGCACTTGGCGGCCGCCGACCTGGGCTTCGTGCTCACGCTGCCG
TGTGGCCGCGCAGAGCGCGCGCGGCCCTCTGGCCCTTCGGCGACGGCCTGTGCAAAGTCAGCAGCTT
CGCGCTGGCGGTACGCGCTGCGCGGGCGCGTCTGCTGGCGGGCATGAGCGTGGACCGCTACCTGGCG
GTGGCCGGCCGCTGAGCGCGCGCCGCTGCGGAGCGCGCGTGTGTGCGAGCCGTGTGCGGCGCCGCT
GGGCTGCGGGCTTCTGGCGGGTTTGCCGGCTTGTCTACCGGGGACTGCAGCCGAGCCTGGACGGCGT
GGCAGCCAGTGCGCCGAAGAGCCCTGGGAAGCGCTCCAGGGTGTGCGGCTGCTGCTGCTACTGACC
TTCGCGTGCCTGGCTGTCAACCTGATCTGCTACTGGCGCGTGTGCGCCGCTGCCGCGCGTCGGTA
GGGCGGAGCAACTCCCTGCGCATCATCTTACCCTGGAGAGCGTCTTCGTGGGCTGCTGGCTGCCCTT
CGGCGTCTGCGTCCCTCTTCCACTGGCGCGGCTCCAGGCGCTGCCGCTGCCCTGCTCCCTGCTGCTG
GCTCTGCGTGGGTCTGACTGTCAACCTGCCTGGCTTTCGTCATAGCAGTGGCAACCCGGTCACT
ACCTCTGTTGGACCGCTATTCCGCGCCCGGGCCGTTTCGGGCTGTGCGCGCGCGCCGGCGCCAGGT
GCGCAGGATCAGCTCGGCCTCTCGCTCTCCAGGACGACAGTTCGGTGTTCGGGGCCGGTCCCGAAG
GTGAACCTGCGCTCGGCCACTTGG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG217813 representing NM_001101516
 Red=Cloning site Green=Tags(s)

MQSTEPWSPSWGTLSDYSGSGSLDQVELCPAWNLPYGHAIIPALYLAFAVGLPGNAFVWLLSRQGP
 RRLVDTFVLHLAAADLGFVLTLPWAAAEARGGLWPFGDGLCKVSSFALAVTRCAGALLLAGMSVDRYLA
 VGRPLSARPLRSARCVRVAVCGAAWAAFLAGLPALLYRGLQPSLDGVSQCAEEPWEALQGVGLLLLLLT
 FALPLAVTLICYWRVSRRLPRVGRARSNSLRIFITVESVFGVWLPFGVLRSLFHLARLQALPLCSLLL
 ALRWGLTVTTCCLAFVNSSANPVIYLLLDRSFRARARFGLCARAGRQVRRISSASSLRDDSSVFRGRSPK
 VNSASATW

TRTRPLE - GFP Tag - V

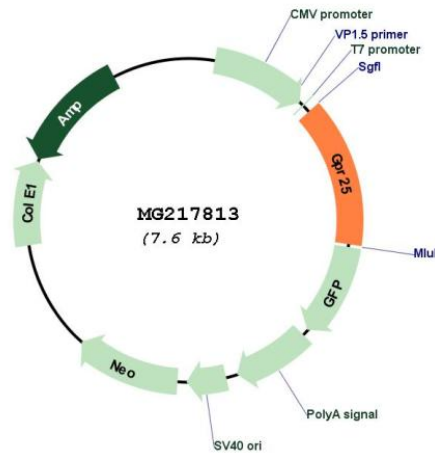
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001101516

ORF Size:	1074 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_001101516.2
RefSeq Size:	1960 bp
RefSeq ORF:	1077 bp
Locus ID:	383563
UniProt ID:	P0C511
Cytogenetics:	1 E4
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function]