

Product datasheet for **MC226930**

Gpr35 (NM_001271766) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr35 (NM_001271766) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr35
Synonyms: KPG_007
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226930 representing NM_001271766
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATAGTACAACCTGTAACAGCACCCCTCACGTGGCCTGCTCCGTCAACAACCTCTTCATCATCTACT
CAGCCTTGCTGCTGGTGTGGCCCTGCTGCTCAACAGCGTGGCACTCTGGGTATTCTGCTATCGCATGCA
CCAGTGGACAGAGACCCGCATCTATATGACCAACCTGGCTGTGGCCGACCTCTGCCTGCTCTGCTCCTTG
CCATTTGTGCTGTACTCCCTGAAATATAGTTCTTCAGACACACCCGTCTGCCAGCTCTCACAGGGCATCT
ACCTGGCCAACAGATACATGAGCATAAGCCTGGTCACTGCCATTGCTGTGGACCGCTATGTGGCAGTGCG
GCATCCCTGCGTGCCTGAGCTGCGGTCCCCGAGACAGGCTGCAGCAGTGTGTGTGGCCCTTTGGGTG
ATAGTGGTCACTCCCTGGTAGTGCCTGGCGCCTGGGGATGCAGGAGGGTGGCTTCTGCTTCAGCAGCC
AAACCCGGCGCAATTTGAGCACCCTGCCTTCTCACTGCTGGGATTCTACCTGCCGCTGGCCATCGTGGT
CTTCTGCTCTTTGCAGGTAGTACTGTGCTATCGAGAAGCCAGCCGCTGATGTGGGCAGGCAGAGGCC
ACCCAAAAGGCCACCCACATGGTCTGGCCAACCTGGCTGTGTTGTGCTGCTCTCTGCCCTTGATG
TGGTCTGACCGTGCAGGTCTCCCTGAACCTCAATACCTGTGCTGCCCCGAGACACCTTCAGCCGTGCCCT
GTCCATCACAGGTAACCTCTCAGACACCAACTGCTGCCTGGATGCCATCTGTTACTACTACATGGCCAGA
GAGTTCAGGAAGCGTCCAAGCCAGCCAGCTCTTCCAACACACCCACAAGAGCCAAGATTCCCAGATCC
TGAGCCTCACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271766
Insert Size: 924 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271766.1 , NP_001258695.1
RefSeq Size:	3936 bp
RefSeq ORF:	924 bp
Locus ID:	64095
UniProt ID:	Q9ES90
Cytogenetics:	1 D
Gene Summary:	Acts as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of this receptor is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(qi/o) proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5_ UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.