

Product datasheet for **MC212951**

Galp (NM_178028) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Galp

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC212951 representing NM_178028
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCTGCTCCGTACATCTGGTCCTCTTCCTCACCATCTTGCTGAGCCTGGCAGAAACACCGGAATCTG
CACCTGCTCACAGGGGACGAGGAGGCTGGACCTCAATAGTCTGGTTACCTCTGGGTCTGTCTCTCC
CGTTTCCTCCAAGGCCGACGAGGCGAGGAAGAGAGACTCAGCTCTTGAGATCCTAGACCTGTGGAAGATC
ATTGATGGACTTCTTATTCCTCACTCTCAAGGATGACCAAAAGGACAATGGGAGAAACGTTTGTCAAAG
CGAATACTGGAGATATGCACATACTGGACAAGAATGTTCCAAGGAAGAAGCCACCCTGGACTCAGAGAG
TTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_178028

Insert Size: 354 bp

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).



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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_178028.2 , NP_821171.1
RefSeq Size:	650 bp
RefSeq ORF:	354 bp
Locus ID:	232836
UniProt ID:	Q810H5
Cytogenetics:	7 A1
Gene Summary:	Isoform 1: Hypothalamic neuropeptide which binds to the G-protein-coupled galanin receptors (GALR1, GALR2 and GALR3). Involved in a large number of putative physiological functions in CNS homeostatic processes, including the regulation of gonadotropin-releasing hormone secretion.[UniProtKB/Swiss-Prot Function]