

Product datasheet for **MC215025**

Glyat13 (NM_001145060) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Glyat13 (NM_001145060) Mouse Untagged Clone
Tag: Tag Free
Symbol: Glyat13
Synonyms: EG435528; Gm5683
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215025 representing NM_001145060
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGGTGCTAAAGTGCTCCACCAAATTATTCATACTGGAGAACATGTTGAAGAGTCACTTTCCTGAAT
CACTCAAGGTTTATGGAGCAGTGATGAACATAAATCGTGGAAATCCCTTCAAAGGAAGTGGTATTGGA
TTCATGGCCAACTTCAAAGTTATCATCACCCGGCGAGAGAGAGAGGCTGAGACAGATAACCTTGACCAT
TACACTAATGCATATGCTGTATTCTACAAAGATATCAGAGCTTACCAACAGCTATTGGAAGAACATGATG
TTATTAATTGGGACCAAGTTTTTCAAATACAAGGGTTGCAAAGTGAATTATGCTGCTTCAAAGCCGT
TGCCAAAGCAAGGCTGTTAGATTTGGATATAAATTTGGCTTCCTCAAGGCTGTCCATTTTTCTCCTGTT
TCATCTGTGCCAGACCACAGTTTCTAACCAGGCAACCCCGAGACTGACCTACCTGAGTGTCTCAGATG
CAGATCTTCTCAACCGGACTTGGTCACGAGGTGGCAACCAGCAGTGCCTGCGGTACTTGGCCAATTCAT
CGCCTGCTTCCAGCGTGTGTGTGCGTGATGAGAAGGAAACCCAGTATCCTGGGGTATCACAGATCAG
TTTGCCACTATGTGTACGGCTACACCTGCCTGACCATCGCAGGAAAGGTTACAGCCGACTGGTGGCC
TCACGCTGGCCAGGAAGTTGCAAAGCCGGGGATCCCTTCCAGGAAATGTCCTGGATGACAACCTGGC
TTCCATAAACCTGCTGAAGAGTGTCCAAGCTGAGTTCCTTGCCTTGTGCTTCCACAGGCTTATTCTGACC
CCTGCAGCTTCTCAAGACAAGCTCACCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001145060
Insert Size: 873 bp



[View online »](#)

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:	<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:	<u>NM_001145060.1</u> , <u>NP_001138532.1</u>
RefSeq Size:	873 bp
RefSeq ORF:	873 bp
Locus ID:	435528
UniProt ID:	<u>E9Q5L8</u>
Cytogenetics:	17 B2
Gene Summary:	Catalyzes the conjugation of long-chain fatty acyl-CoA thioester and glycine to produce long-chain N-(fatty acyl)glycine, an intermediate in the primary fatty acid amide biosynthetic pathway.[UniProtKB/Swiss-Prot Function]