

Product datasheet for **MC208612**

Gypa (NM_010369) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gypa (NM_010369) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gypa
Synonyms: AI853584; CD235a; GPA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208612 representing NM_010369
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCGAGAGCACAGCTGCTGTGACAACATCAGGTCATTCTTTACAACCACCTTCCATATACCTTCAA
GTCAACATTACCAAGAAGAGCATTACCATCATTGTCAGGATCAGATTCTTCTTCAAATAACCACTCC
TGTGGTGGCTTCAACTGTAGGTAACCCAAATCAGCATTCAAGCAACATGTCAACACCAGCTATTCATGTC
TCAACTTATCACACGGCCCTACTGAAGTGTCTGCTGCGTTTGAAGAACAGCCTGTCTCACCACACATTG
GAGGAATGCCGTCACCAATTCAACACGATTTTCCTGCACTAGTGATGATACTCATAATTTGGGCGTGAT
GGCAGGGATTATCGGAACTATCCTTCTTATCTCTTACTGTATCAGCCGAATGACAAAGAAAAGTTTCAGTT
GACATCCAATCTCCTGAGGGTGGTGACAACAGTGTGCCTTTGAGTTCTATTGAGCAGACTCCTAATGAAG
AGTCTCCAATGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010369
Insert Size: 507 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).



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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_010369.3</u> , <u>NP_034499.3</u>
RefSeq Size:	1827 bp
RefSeq ORF:	507 bp
Locus ID:	14934
UniProt ID:	<u>P14220</u>
Cytogenetics:	8 38.27 cM
Gene Summary:	Glycophorin A is the major intrinsic membrane sialoglycoprotein of the erythrocyte. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane (By similarity).[UniProtKB/Swiss-Prot Function]