

Product datasheet for **RN202581**

Glb1I3 (NM_001024358) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glb1I3 (NM_001024358) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glb1I3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202581 representing NM_001024358
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATACCTAAGCAAGCATTGTTCTCTGGAAGAGAATCATGGCCATCTTCTTCTGCCACTAGTCTTAC
 CAGGTTTTGCTCCTCGCTCAGAGGACTCATTTAAGTCTCCTGCCAGGTTCAAGTTGGTCTTATCTGAACCC
 CTCCAAGCTGAAAAAGAGATCTGTAGGACTTAGCACTGAAACCAATGCTCACGGCCAAGCATACTTCACC
 CTGGAAGGCCACAAATTCATGATAGTTGGAGGCTCCATACACTACTTCCGGGTGCCAGGGAGTATTGGA
 AAGACCGTTGCTGAAGCTCCAGGCCTGTGGATTTAACTGTCACCTACATCCCCTGGAACCTCCA
 TGAGCAAGAGAGGGGAAATTTGACTTCTCTGAGATCCTGGACTTGAGGCATATGTTTTGCTGGCTAAG
 ACTCTGGACTGTGGGTATTCTCGTCCAGGGCCATACATCTGTGCTGAGGTTGACTTGGGTGGATTAC
 CTAGCTGGCTTCTACGCAATCCTGGGTCAAATCTGAGAACAACCAACAAGGACTTTATTGAAGCTGTTGA
 TAAATATTTTATCATCTGATCCAAAATACTTCTCTTCAGTACCGCCGTGGTGGCCCTGTTATTGCT
 GTCGAAGTAGAGAATGAATATGGTTCATTTGAAATGATAAAGAACTACATGGAGTACATTAAGAAGGCTC
 TGCTGAATAGAGGATTGTAGAGCTCCTTTGACCTCAGATAATGAGAGTGAATTCGGATCGGCTCTGT
 CAAAGGAGCATTGGCTACTATCAATGTGAACCTATTTATAAAGGATTCGTTTGTAAAGCTTCATAGAATG
 CAGAATGATAAGCCTATTATGATTATGGAATACTGGACTGGCTGGTATGACTCGTGGGGAGTAAACACA
 CTGAGAAAAGTGCAAAATGAAATTCGACGCACAATATAGATTCTTCAGCTATGGACTCTCCTTCAACGT
 GTATATGTTCCACGGTGGAACTTTGGTTTCAATAATGGAGGCTATCATGAAATGGTCACACGAAT
 GTTGTGACTAGCTATGACTATGATGCTGTGCTTCCGAGGCTGGTATTACACAGAAAAGTATTTCAAGC
 TTCGAAAACCTTTGCATCTGGATCAGCACGCTCCTTACCCTGCTTATTCCCAAGGCTGT
 CTATCCCTCTGTGAATCTATCATTCTACCTGCCACTGTTTGATATCCTACCATACTTAAATAAGCCTGTC
 ATGTTAGAAAACCTCAGTACCATGGAGAATCTTCCAATAAACAATGGCAGTGGTCAGCCATTTGGATTGG
 TCCTTTATGAGACGTCCATCTGTTTTGGAGGCGGTCTCTCTGCTTCCAGTCCACGATTCCGCACAGGTGTT
 TTTGAATGACAAAAGCATAGGAATCTGGATGAGAATAATGAGTTCCTGCATATTCCTAAAATCCAGGGT
 TGTCAGCTTCTGAGGATCCTGGTTGAGAATCAAGGCCAATCAATTTCTCATGGAGAATTCAAAAGTGAAG
 AGAAAAGGATTAATGAAGCAGTTACCATCAATGGTACTTTGCTGAGGAATTTACCATCTATTCTCTGGA
 CATGAAGATGAGCTTCTCGAGAGGCTCCGCTCTGCATCATGGAGAATTGCTCCAAAACCTATAAAGGC
 CCTGCCTTCTACTGGGAAGTTGAACGTTGGCTTTTTCCACGGACACCTTCTCGACCTACCAAAT
 GGCATTATGGGTTTGTGTTCAACCGACGAAATCTTGAAGATATTGGGACATTGGGCCTCAGAAAAC
 ACTGTACCTTCTGGTCCCTGGCTTCCATCCAGAAGACAACGATGTCATCGTGTGTTGAGAAGATAGAGAAG
 GGATTTTACATCCAGACGAGAAAAGAAACCCAGTTGAAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001024358

Insert Size: 1935 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.

RefSeq: [NM_001024358.1](#), [NP_001019529.2](#)

RefSeq Size: 2331 bp

RefSeq ORF: 1935 bp

Locus ID: 500961

UniProt ID: [Q5XIL5](#)

Cytogenetics: 8q13