

Product datasheet for **MR217145**

Glb1l (NM_029010) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glb1l (NM_029010) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Glb1l
Synonyms:	4833408P15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR217145 representing NM_029010
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCCACCCGACCTGCCTCCCTGCTGCTGCGGCTTGTGGTCTACTGCTGCTGTCCAGGCAGAAGCTC
GCTCCTTCGTTGTGGATCGGGAACATGACAGATTCCTCCTGGATGGGGTCCCCTTCGCTATGTTTCTGG
CAGCCTGCACTACTTTCGAGTACCGCGGTTCTGTGGGCCGACCGGCTTCTCAAGATGCAGTTGAGCGGC
CTCAACGCTGTGCAGTTTATGTGCCTTGAAGTACCATGAGCCAGAGCCTGGGATCTATAACTTTAATG
GCAGCCGGGACCTCATTGCCTTCTGAATGAGGCAGCTAAAGTGAACCTGTTGGTTATTCTGAGACCAGG
ACCTTACATCTGTGCTGAGTGGGAGATGGGAGGTCTCCCCTCTGGTTGCTTCAAACCCATAATATTCAT
CTGAGAACCTCAGATCTGCCTTCTTGAAGCTGTGGACTCCTGGTTCAAGGTCTGTGTCCAAAGATAT
ATCCATTTCTCTACCACAATGGGGCAACATCATTAGCATTGAGGTGGAGAACGAATACGGTAGCTACAA
GGCCTGTGACTTCAAGTATATGAGACACTTAGCTGGCCTTCCGAGCATTACTAGGGGACAAGATCTTG
CTCTTACCACAGATGGGCCTCACGGACTCAGATGTGGCTCCCTTCAGGGACTCTATACCACTATAGATT
TTGGCCCAGCTGACAATGTGACCAGAATCTTTCCCTGCTTCGGGAGTATGAACCTCATGGGCCATTGGT
GAACTCGGAGTACTATACAGGCTGGCTGGATTACTGGGGCAAAATCATTCCACACGATCCAGTCCAGCT
GTAGCCCAAGGACTAGAAAAATGTCTCAAGTTGGGAGCCAGTGTGAACATGTATATGTTCCATGGAGGTA
CCAACCTTGGATACTGGAATGGAGCTGACGAGAAGGGACGCTTCCCTTCCAATTACTACCAGCTACGACTA
TGATGCACCCATATCTGAAGCAGGGGACCTACACCTAAGCTTTTGAATTCGAAATGCATCAGCAAG
TTCCAGGAAATCCCTTGGGACCTTACCTCCTCCAGCCCAAGATGAAGTTTGGACCTTGGACTATGA
GCCTGGATGGGAATTTGCTGCTTTCTAGACTTTCTCTGCCCAAGGCCAATCCATTGACTTTTGGC
ATTGACCTTTGAGGCTGTTAAACTGGACCATGGCTTTATGTTGTACAGGACCTATCTGACTTCTCCTGTT
TTAGAACCAACACCATTCTGGGTGCCAAATAATGGGATTCATGACCGAGCCTATGTGATGGTAGACGGGG
TATTGAAGGGCGTTCTGGAGCGGAGTTTGAACAAGAAGTGTATTTGACTGGGACAGTAGGGACCAGGCT
GGATATATTGCTAGAGAAATAGGGGAGGCTCAGTTTTGGGTCTAACCACAGTACTTCAAGGGCCTGTTA
GAAGCACCAGTCTGGGGCAGACCATCCTCACTGAGTGGATGATGTTCCCTCTCAAGGTGGATAAGCTTG
TAAAGTGGTGGTCCCTGCAGCTGATGAAAAGAGCCCTGCCTCAAGCTTCTCTGCTCCCTGCCTTCTA
TTCCGCAAGTTTCCAGTTTTCGGCTTGTGGGGACACATTTCTATCTACCTGGATGGACCAAGGGC
CAAGTGTGGATCAATGGGTTAACTTGGGCCGGTACTGGACAATGCGGGTCCACAACAAACCCTATACG
TGCCAAGACTGCTGCTGTTTGGTAGATCAATCAACAAAATCACATTGCTGGAGCTAGAAAATGTGCCTCA
TAACCCCAAGTCCAGTTTTTGGATAAGCCTATCCTCAATAGCACTTTGCATTGGGGGTATAACTTTCTT
CTCTCAGAAACACAAGGTTCTTTGAACCAATGGAGTTAAGTGGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217145 representing NM_029010
Red=Cloning site Green=Tags(s)

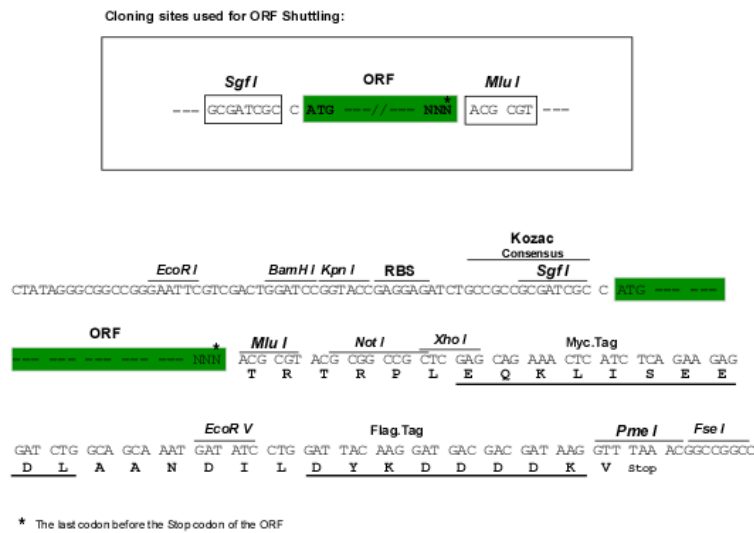
```
MPPDLPSLLRLVLLLLSQAEARSFVVDREHDFLLDGVPPFRYVSGSLHYFRVPPVLWADRLKMKQLSG
LNAVQFYVPWNYHEPEPGIYNFNGSRDLIAFLNEAAKVNLLVILRPGPYICA EWEMGGLPSWLLRNPNIH
LRTSDPAFL EAVDSWFKVLLPKIYPFLYHNGGNIISIQVENEYGSYKACDFKYMRLAGLFRALLGDKIL
LFTTDGPHGLRCGSLQGLYTTIDFGPADNVTRIFSLREYEPHGPLVNSEYYTGWLDYWGQNHSTRSPA
VAQGLEKMLKLGASVNMVMFHGGTNFGYWGDAEKGRFLPITTSYDYDAPISEAGDPTPKLFAIRNVISK
FQEIPLGPLPPSPKMKFGPLTMSLDGNLLSFLDFLCPQGP IHSVLP LTFEAVKLDHGFMLYR TYLTSVP
LEPTPFWV PNNGIHD RAYMVDGV LKGV LERSL KQELYL TGT VGT RLDILLE NMGR L SFGSNHSD FKGLL
EAPLLGQTILTEWMMFPLKVDKLVKWWFPLQLMKRALPQASSVP AFYSAKFPVFGLLGD TFLYLPGWTKG
QVWINGFNLGRYWTMRGPQQLYVPRLLLFGRSINKITLLELENVPHNPQVQFLDKPILNSTLHWGYNFL
LSETQGSFEPMELSGH
```

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9079_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_029010

ORF Size: 1938 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_029010.2](#)

RefSeq Size: 3451 bp

RefSeq ORF: 1941 bp

Locus ID: 74577

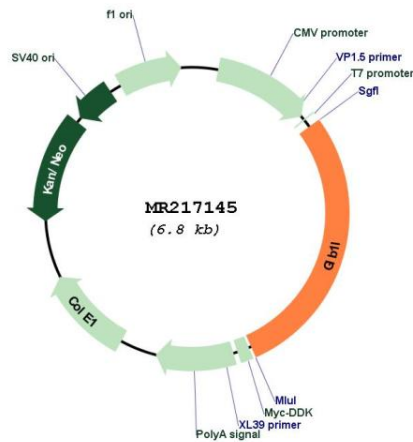
UniProt ID: [Q8VC60](#)

Cytogenetics: 1 C4

MW: 73.3 kDa

Gene Summary: Probable glycosyl hydrolase.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217145