

Product datasheet for **RN208900**

Gle1 (NM_001025731) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gle1 (NM_001025731) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gle1
Synonyms:	Gle1l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208900 representing NM_001025731
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCGTCTGATGGTCTGCTGGGAACTCTGAGGGCGCTCCGCAATTCAGCAAAGGCCGCTGCGCT
 ACGACCGGAGTGGTTACTGCGCTACGAGGATGTTTTGGAAGAATGTATGTCTCTCCCAAATATCTTC
 TTAATCTGGATGGGTGGTGGATCACATCTACCAACACCTCACACCACACGCAAGAGAATGCTCTTCC
 TCTGATAATTCACCATCTCTGGATCTGCTTCAGGCCTGTACCAATCCACACTTAAGTCTCTGTGAGAA
 GTAGCCCAACAATCTCTTCAACCTCAACACCAAGTGAAGCCAGAGCGCATGAGTCCCGTTCACAGA
 ACCTATTGCACTTCAGTCTCCGAGCGATCAAAGTGAAGGTTGCATCCGAATGTATGAATTGGCGCAC
 AGAATGAGAGGAACAGAGGGCTGAGGCAGTGGCAGGAGGAGCAAGAGAGGAAGGTGCAAGCCCTCTCAG
 AGATGGCGTCCGAACAGCTGAAGAGTTTGACGAGCTGAAGGAGCTGAAGCTGCATAAGGAGTCCGGGA
 CTTACAGGAAGTATGGAGAAGAGTACCAGAGAAGCCCTGGGCCATCAGGAGAAGCTGAAAGCTGAGCAT
 CGCCACAGAGCCAAGATTCTCAACCTAAAGCTTCGAGAGGCAGAGCAGCAGCGTGTGAAGCAGGCAGAGC
 AGGAGCAGCTGCGGAAGGAGGAAGGCCAGATCCGTCTGCGCAGCCTGTACACCCTGCAAGAGGAGGTCT
 GCAGCTCAACCAGCAGCTGGATGCTTCCAGTCAGCACAAGACCTGCTGAATGTGGACCTGGCTGCTTTC
 CAGACCGGGGCAACAGCTGTGTGGCCTCATCTCTGGCATATTCGACCACCTTGAGAGTGGCTATC
 CCACAGCAGAGAACAAGCTGAGGCTGAGCGAGTCTGCAGGAAATGCGGGACCTCTCTCAAATTTGGA
 GCAGGAGATCACCAGAGCCTCTGAAATGAAGAAGAAAGATGAAGAAGAGGCTCGGGTCAAGCTGCAGGAG
 TCACAGGTGCAGCAGGGGCCAGGGGCTCCCAACAGACCTCTGCACCCAGCCCAAGCCTAGTAGGGACAC
 AGAGTGAAGACCTGCAGGTGAAGGTACAGGATAGTACGATGCAGTGGTACCAGCAACTTCAGGATGCTTC
 TGCCAAATGCGTGTGGCCTTTGAGGACCTGACCAGCAGCAAGGACAGTCAGATCAAAAAGATAAAGATG
 GACCTGCAGAAGGCAGCCACCATCCCAAGTGAAGCAGATCTCCACCATCGCAGGTTCCAAGCTGAAGGAGG
 TTTTGTACAAGATCCACAGCCTGCTCTCTGAAAGCCTGTCCAGTCTGGTGGACGTTCTGTGTGCGTCAC
 TCTTAACCCACAGGGTTGGACTTTGTCCAGTACAACTGGCCGAGAAATTTGTGAACAAGGGGAGGAG
 GAAGTGGCCTCTCACCACGAAGCAGCCTTCCCCATTGCAGTGGTGGCCTCTGGTATCTGGATGCTCCACC
 CCAAAGTGGGAGACCTATTCTTGCCACCTCCACAAGAAGTGTCCGTAATCCGTTCTCTTCTACCCAGC
 TTTCAAGGAGGGGATGCCTCTGGAGGATTATCAACGGATGCTTGCTACCAAGTACGGATTCCAAGGTT
 GAGCAACAGGACAACCTTTCTAAACGAATGTCTGGGATGATCCGTTTGTATGCCGCCATCATCCAGTCC
 AGTGGCCATATGGAAGCCGGCAGGAGGCTCATCTCACGGCTTAATCATGGCTGGCGCTGGTTGGCGCA
 GATCTTAAACATGGAGCCTCTCTCAGATGTGACAGCCACTCTCCTGTTTGACTTCTTGAGGTGTGTGGG
 AATGCCCTCATGAAGCAGTACCAGGTCCAGTCTGGAAGATGATCCTTCTCATCAAGAGGACTACTTCC
 CCAGAATTGAAGCCATCACGAGCTCAGGACAGATGGGTTCTTACATCGTCTGAAGCAGTTCTTGAGAA
 ATGTCTGCAACGCAGGGAGATCCCTGTCCCTAAAGGCTTTCTGACGCCCTCTTCTGGCGCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025731

Insert Size: 2097 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:	<u>NM_001025731.1, NP_001020902.1</u>
RefSeq Size:	2263 bp
RefSeq ORF:	2097 bp
Locus ID:	362098
UniProt ID:	<u>Q4KLN4</u>
Cytogenetics:	3p12
Gene Summary:	Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm. May be involved in the terminal step of the mRNA transport through the nuclear pore complex (NPC) (By similarity).[UniProtKB/Swiss-Prot Function]