

Product datasheet for **MC219743**

Glce (NM_033320) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glce (NM_033320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Glce
Synonyms:	1110017N23Rik; AI747411; C130034A12Rik; Hsepi
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219743 representing NM_033320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGTTGTTGGCAGCTCGGGTCAACTATAAGACTTTGATTATCATCTGTGCGCTATTCACCTTTGGTCA
 CAGTACTTTTGTGGAATAAGTGTCCAGCGACAAGCAATCCAGTTTCCTCGGCCTTGAGTAGTGGATT
 CAGAGTGGATGGATTAGAAAAAGATCAGCAGCATCTGAAAGTAACCACTATGCCAACCATAGCCAAA
 CAGCAGTCAGAAGAGGCATTTCTCAGGAACAACAGAAGGCACCCCTGTTGTTGGGGCTTCAATAGCA
 ACGGGGAAGCAAGGTGTAGGGCTCAAATATGAAGAGATTGACTGTCTCATAAACGATGAGCACACCAT
 TAAAGGGAGACGAGAGGGGAATGAAGTTTTCTTCCATTCACCTGGGTAGAGAAACTTTGATGTTTAT
 GGAAAAGTGGTCCAGTATGACGGCTATGATCGATTTGAATTCTCTCATAGCTATTCAAAGTCTATGCAC
 AGAGATCACCTTATCACCTGACGGTGTGTTTATGTCCTTGAAGGCTACAATGTGGAAGTCCGAGACAG
 AGTCAAATGTATAAGTGGAGTTGAAGGTGTGCCATTATCTACCCAGTGGGGCCCTCAAGGCTATTTCTAC
 CCAATCCAGATTGCACAGTATGGGCTAAGTCATTACAGCAAGAATCTAACCGAGAAACCCCTCACATAG
 AAGTATATGAAACAGCAGAAGACAGGGACAGAAACATCAGACCTAATGAATGGACTGTGCCAAAGGGGTG
 CTTTCATGGCCAGTGTGGCAGACAAGTCTAGATCCACCAATGTTAAACAGTTTATTGCTCCAGAAACCAAGT
 GAAGGTGTGTCTTTCAGCTGGGAAACACAAAAGACTTCATTATTTTCATTTGACCTCAAGCTTTTAAACA
 ATGGGAGTGTGTCTGTGGTTCTGGAGACCACAGAAAAGAAATCAGCTCTTCACTGTGCATTATGTCTAAA
 CACCCAGCTGATTGCTTTCAGAGACAGGGACATATACTACGGCATTGGGCCAGAACTTCATGGAGTACA
 GTTACCAGAGACCTGGTCACTGACCTCAGGAAAGGAGTGGCCCTTCTAACACAAAAGTGTCAAGCCAA
 CCAAAATCATGCCAAAAAGGTGGTTAGTGGATTGATTGCAAAAAGGGAAGGGATTCTTGACAAACATTACC
 CTAACACAGCCACATGGCTGCATTCTTTGCTGCAAGTGACTGGCTAGTGAGGAACCAAGGATGAGAAA
 GGTGGCTGGCCAATTATGGTGACCCGGAAGTTAGGGGAAGGGTTAAATCTTTAGAACCAGGATGGTACT
 CTGCCATGGCACAAGGGCAAGCCATCTCTACCTTAGTCAGGGCCTATCTTCTAACGAAAGACTATGTATT
 CCTCAGTTCAGCTTTAAGGGCAACAGCCCATACAAGTTTCCGTCAGAGCAGCATGGAGTTAAAGCCGTG
 TTCATGAATAACATGACTGGTATGAAGAATATCCAACACACCTAGCTCTTTTGTTTTAAATGGCTTTA
 TGTATTCTTTAATTGGGCTGTATGACCTAAAAGAAACAGCAGGGGAGACACTGGGAAAGAAGCAAGGTC
 CTTGTACGAGCGGCATGGAATCTCTAAAGCCATGCTGCCCTGTATGATACTGGCTCCGGGACCATC
 TATGACCTCCGCCACTTCATGCTTGGCATTGCTCCCAACCTGGCCGCTGGGACTATCACACCACCACA
 TTAACCAGCTGCAGCTGCTCAGCACCATCGATGAGTCCCAATCTTCAAAGAATTTGTCAAGAGGTGGAA
 AAGCTACCTTAAAGGCAGTAGGGCAAAGCACA**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_033320

Insert Size: 1857 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_033320.4](#), [NP_201577.3](#)

RefSeq Size: 4626 bp

RefSeq ORF: 1857 bp

Locus ID: 93683

UniProt ID: [Q9EPS3](#)

Cytogenetics: 9 B

Gene Summary: Converts D-glucuronic acid residues adjacent to N-sulfate sugar residues to L-iduronic acid residues, both in maturing heparan sulfate (HS) and heparin chains. This is important for further modifications that determine the specificity of interactions between these glycosaminoglycans and proteins.[UniProtKB/Swiss-Prot Function]