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Product datasheet for MC202513

Gal3st3 (NM_001024717) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gal3st3 (NM_001024717) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gal3st3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC066996 sequence for NM_001024717
CAGACGCTGCCACCTGATCCCATCCAGGCGCAGCAAAGCAAGCTATCGGCATTCTGCGTTCAGAGCCCCC
GTTGCCCTAAGACCCGGCAGATTTCAGGACAAGGGGCACAGGGGGAGCGGAGGGTAGCCCTGACCCAAGT
CGGAGACAGAGCCTGCCTGCGTTTTTCAGGAACACTGGCCCTGCTACCAGAGCCACAGGAACCCCCATGA
GTGCTGGTGAAGGAAGCCCGGGATAATGAGGCCCTGGCTGGTCCAGGAGTGAACCCTCACCATGCCACCT
ATCCTCCAGCGCTTGCAGCAATCCACCAAGATGATGAGCCACAGGAAAATTCTGCTGTTGGTGCTAGGGT
GCAGCACCGTAAGCCTCCTCATCCACCAGGGGTCGCAGCTCAGTTGGTACCCCAAGTTGTTCCCTCTGAG
CTGCCCGCCTCTGCGAGAATCGCCACCTCGGGCCAAGCACATGGCCGTGGCCTTCCTGAAGACTCACAAG
ACAGCAGGTACTACGGTGCAGAACATCCTGTTCCGCTTCGCAGAACGCCACAACCTCACGGTGGCCCTGC
CTCACCCTAGCTGCGAGCACCAGTTCTGTTACCCGCGAAACTTCTCGGCCCACTTCGTGCACCCAGCTAC
GAGGCCCCCGCACATGCTGGCCAGCCATCTGCGCTTCGACCGTGCAGAACTCGAGCGCCTCATGCCTCCA
GACACGATCTATGTCACCATCCTGCGCGAACCCGCGGCCATGTTCGAGTCGCTTTTCAGCTACTACAACC
AGTACTGCCCGGCCTTCAGGCGCGTGCCCAATGCGTCGCTCGAGACTTTCCTGCGCGCACCCGAGGCCTA
CTACCGTCCAGGCGAGCACTTCGCCATGTTTGCTCACAACACGCTGGCCTACGACCTTGGAGGCGACAAT
GAGCGCAGCCCTCGTGACGACGCAGCCTACCTGGCGGGCCTCATCCGCCAGGTGGAGGAGGTCTTCTCGC
TCGTCATGATCGCGGAGTACTTCGACGAGTCCCTCGTGCTGCTGCGGCGTCTACTGGCCTGGGACCTGGA
CGACGTGCTCTACGCCAAGCTCAACGCGCGCGCTGCCTCGTCGCGCCTGGCCACCATCCCCGAGGCGCTG
GCGCGGGCCGCGCGCACCTGGAACGCGCTCGATGCGGGCCTCTACGACCATTTCAACGCCACCTTCTGGC
GTCGCGTGGCGCGCGCGGGCCGCGCATGCGTGGAGCGCGAAGCGCGCGAGCTGCGCGAGGCCCGCCAGCG
TCTGCTGCGTCGTTGCTTTGGCGACGAGCCGGTGCTGCGACCCGCTGCCCAGATTCGTACAAAGCAGCTG
CAGCCGTGGCAGCCTAGCCGCAAAGTGGACATCATGGGCTATGATCTGCCTAGCGGCGGCGCTGGCCCTA
CTACGGAGGCTTGCCTCAAGCTTGCTATGCCCGAGGTGCAGTACTCAAACTATCTGTTGAGGAAGCAAAA
ACGCCGCGGTGGTGTGCGGTCCAGGCCAGAATCTGTCCTGGATAATCCTCCCCCTCGGCCCATAAGAGCA
CTGCCCCGTATCCCCCAGGGTACCTGAGATCCGCCTGCCTCCAGGAACTCAGGTCTTGCTCCATTAGGGC
CCTTTTATTCCCCACGGCCTTGAGCCCTGTGTCCAAATGGAGGTGCGTCTGCATCTGAGCCTGCCATCCT
AGTGTCGCCCGTTCGAACCCCACTTTCTGGGATGGCATTGATGGGCCACCCACTCCTTCCCAACTTGTTG
GTGACTTTGAGAAGAATCCAAGGGCGTTCTAGTACTGCCCACCCTGCCTTTTTCTGGGGACTGAGCACCC
CACCTGTCATTTGGGGGTGTTGAGCCCACACTTGTGTTTAGTGGATGACCACAAGCCCCAGAGAGGGACT
AAGTCCTGGGAAAATGCTGTACTTCCAGTCAGCACCTGGGCTTTTGTTCTTCCCAGGGCTGCCTAAGTCC
CCTATTGTCTTCCAGGTTCTACCTTCCCTACACACACCTAAGCTGCTCCCAGACACACAGAACCAAGAAT
TCTTCGGTTGGGCTTTTTGTTGTTTGACTACTACTACTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTC
TTCTTCTTCTTCTTCTTCTTCCTCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTTCTCTCCTCCTCCTC
CCCCTCTCCCTTCCCCTCCCCTCCCTCTTTTTCCTCTTTCCTTTTTTTTTTTTTTTTTTTTTTTTGAGAC
AGGGTTTCTCTGTGTAGCCCTGGCTGTCCTGGAACTCACTCTGTAGACCAGGCTGGTCTAGAACTCAGAA
ATCCGCCTGCCTCTGCCTCCCAAGTGCTGGGATTAAAGGCATGCACCACCACTGCCCGGCCTCTTTCCTC
TTTATTCTTTTTTAATAAAACAACTCTAAATTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_001024717

Insert Size: 1296 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:	BC066996, AAH66996
RefSeq Size:	2433 bp
RefSeq ORF:	1296 bp
Locus ID:	545276
UniProt ID:	P61315
Cytogenetics:	19 A
Gene Summary:	Transfers a sulfate to position 3 of non-reducing beta-galactosyl residues in N-glycans and core2-branched O-glycans. Has high activity towards Gal-beta-1,4-GlcNAc, Gal-beta-1,4(Fuc-alpha-1,3)GlcNAc and lower activity towards Gal-beta-1,3(Fuc-alpha-1,4)GlcNAc (By similarity). [UniProtKB/Swiss-Prot Function]