

Product datasheet for SC213135

Mutarotase (GALM) (NM_138801) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mutarotase (GALM) (NM_138801) Human 3' UTR Clone
Symbol:	Mutarotase
Synonyms:	BLOCK25; GALAC4; GLAT; HEL-S-63p; IBD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138801
Insert Size:	1230 bp

Insert Sequence: >SC213135 3'UTR clone of NM_138801
The sequence shown below is from the reference sequence of NM_138801. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
ACCACCTGGTTCAAGTTTTCTGTGGCTTAAGGAAGTGTGAAGATATGATCCAGTCCAGGGCTAGGCTCA
GCCACCTGTCTCCTGTCCAGAAAAAGGTGAAGATTAAGAAGCTTTCAGAATGATTCTATGGATTAATA
TCATACAAATGGTGGCTGTTCTGAGAATCAGTCTGGGTATTGATTTCTTTTCCAGTGACTGGCTCCAG
GCCATGTCTAATGACCAGCTCGATTCCCTGTGCAGTTCAGAGGGCAAGTGAACCAACCAACAATGTCTG
TCATCTAAGCCCTGACCCTAGCCAGGGACTCCCATGCTGCTGTTGGCTCCATCTCTCCACACTGCCTCT
TTCTTTTCAACTTTTTGCCCTTCTTTCTTTAAAGCTATTCTCACATTGCTTTTATTTCTCTCTCTTC
ACCTCCAACCACTGTCAGCAGCACTCTGGAGTTTTCAAATGTCACATTAGCCTCACCTGCATGCTAGG
AGATGGACCTGTCTCTATACAGCAGTAGATGATTGATAAGTGAGGAACTGAGGCTTACAGAGGTTGAA
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GGAAGGCCGAGGCAGGCGGATCACGAGGTCAGGAGATCGAGACCATCCTGGCTAACACGGTGAACCC
GTCTCTACATAAAAAATTAGCTGGGTGTGGTAGCACGCACCTGTAGTCCCAGCTACTTGGGAGGCTGAA
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ACAGAGCAAACTCGATCTCAAAAAAAAAAAAAAAAAAAAAAAAAAGGAAAAAAAAAGCAGCTCTCTCTCGGGA
GAGGGAGGGGACTTCCGAGAGGAAAAGGCTGCAAGAGCCTTTGGGTTAACTGAGAAAGCACAGCCCGG
CCAACGCTTGGGAAGAAAGACAGGCAAGCACTGGAACAGGAGCTATTAGGGTGAGGAGAGACCTTGC
CTTTCACAGCACAGTGAGGATGACATTGCACCAGGACAGAGATTGTATGTGACAAGGCTGGGGCTCCT
TCTTTCTAGACAATCAAAGTATCAGTGATGGGTTTTGGTTGGTGATTTTAAAAAAAAAAAAAAAAAAGT
ATGTTATACTAGTGTATGCTGTACTGAATTGAAATAAAACCAAAATCTGCATCTTCA
ACGGCTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_138801.3
Summary:	This gene encodes an enzyme that catalyzes the epimerization of hexose sugars such as glucose and galactose. The encoded protein is expressed in the cytoplasm and has a preference for galactose. The encoded protein may be required for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose.[provided by RefSeq, Mar 2009]
Locus ID:	130589
MW:	46.3