

Product datasheet for **SC209273**

GALNS (NM_000512) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GALNS (NM_000512) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GALNS
Synonyms: GalN6S; GALNAC6S; GAS; MPS4A
ACCN: NM_000512
Insert Size: 735 bp
Insert Sequence: >SC209273 3'UTR clone of NM_000512
The sequence shown below is from the reference sequence of NM_000512. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTCCCAAGAAGTGCCTCTGGTCCCACTAGCACCTGCGCAGACTCAGGCCAGGCCTAGAATCTCCGGTT
GGCCCTGCAAGTGCCTGGAGGAAGGATGGCTCTGGCCTCGGTCTCCCCAACCCCTGCCAAGCCAGAC
AGACAGCACCTGCAGACGCAGGGGACTGCACAATTCACCTGCCAGGACCTGACCCTGGCGTGTGCT
TGGCCCTCCTCCTCGCCACGGCGCCTCAGATTCAGGACCCTCCTCCTCGCCCACGGCGCCTCAGACC
TCAGGACCCTGCCGTCTCACGCCTTTGTGAACCCAAATATCTGAGACCAGTCTCAGTTTATTTGCCA
AGGTTAAGGATGCACCTGTGACAGCCTCAGGAGGTCTGACAACAGGTGCCTGAGGTGGCTGGGGATAC
AGTTTGCCTTTATACATCTTAGGGAGACACAAGATCAGTATGTGTATGGCGTACATTGGTTCAGTCAGC
CTTCCACTGAATACAGATTGAGTCTGGCCAGTGAATCCGCATTTTTATGTAACAGTAAGGGAACGG
GGCAATCATATAAGCGTTTGTCTCAGGGGAGCCCCAGAGGGATGACTTCCAGTCCGTCTGCTCTTTGT
CCACAAGGAATTTCCCTGGACGTAATTATGAGGGAGGCGGTAGCTTCTATCATTGTAACATATGTTA
TTTAGAAATAAAACGGGAGGCAGGTTTGCCTAATTCACAGCTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

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).



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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:	<u>NM_000512.5</u>
Summary:	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq, Jul 2008]
Locus ID:	2588
MW:	26.4