

Product datasheet for **SC202119**

AMDHD2 (NM_001145815) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AMDHD2 (NM_001145815) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AMDHD2
Synonyms:	CGI-14
ACCN:	NM_001145815
Insert Size:	225 bp
Insert Sequence:	>SC202119 3'UTR clone of NM_001145815 The sequence shown below is from the reference sequence of NM_001145815. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACCACCTGCCTGGCAGGGCCTCGCTTGAAGGAGGGCCTGGGGCAGGGCACAAGGGTTGATCTCAGC CCACAAGCCCCAGGGCAGCCAGGAAAGCAGGCGACGGATGTGGATCCTGACCTCTGAGAGGTGTGA GGTGCAGGGATACCCACCTCTGCCTTGACGGCCGCGCACCCCTTAGGAAGTGGCTGTCCAGCGCCTGCC TGTGCTGGGCCTGGGAGA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-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).
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_001145815.2</u>



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Summary: Hydrolyzes the N-glycolyl group from N-glycolylglucosamine 6-phosphate (GlcNGc-6-P) in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway. Although human is not able to catalyze formation of Neu5Gc due to the inactive CMAHP enzyme, Neu5Gc is present in food and must be degraded.[UniProtKB/Swiss-Prot Function]

Locus ID: 51005

MW: 7.5