

Product datasheet for SC205240

GMDS (NM_001500) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GMDS (NM_001500) Human 3' UTR Clone
Symbol:	GMDS
Synonyms:	GMD; SDR3E1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001500
Insert Size:	393 bp
Insert Sequence:	<p>>SC205240 3'UTR clone of NM_001500 The sequence shown below is from the reference sequence of NM_001500. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGCTCATGAGGACAAACCCCAATGCCTGAGCAGCGCCTCGGAGCCCGGCCGCCCTCCGGTACAATC CCCGCAGAGTCTCCGGTGCAGACGCGCTGCGGGGATGGGGAGCGGCGTGCCAATCTGCGGGTCCCCTGC GGCCCCTGCTGCCGCTGCGCTGTCCCGCCGCAAGAGCGGGGCCCGCCCGGAGGTTTGTAGCAGCCG GGATGTGACCCTCCAGGGTTTGGGTCGCTTTGCGTTTGTGCAAGCCTCCTCTGAATGGCTTTGTGAAAT CAAGATGTTTTAATCACATTCACTTTACTTGAATATGTTGTTACACAACAAATTGTGGGGCCTTCAA ATTGTTTTTCTCTTTTCATATTAATAAATGGTCTTTCTGTGAACTAGCA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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).
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.



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RefSeq: [NM_001500.4](#)

Summary: GDP-mannose 4,6-dehydratase (GMD; EC 4.2.1.47) catalyzes the conversion of GDP-mannose to GDP-4-keto-6-deoxymannose, the first step in the synthesis of GDP-fucose from GDP-mannose, using NADP+ as a cofactor. The second and third steps of the pathway are catalyzed by a single enzyme, GDP-keto-6-deoxymannose 3,5-epimerase, 4-reductase, designated FX in humans (MIM 137020).[supplied by OMIM, Aug 2009]

Locus ID: 2762

MW: 14.3