

## Product datasheet for **SC209058**

### POMT1 (NM\_001077366) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** POMT1 (NM\_001077366) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** POMT1  
**Synonyms:** LGMD2K; LGMDR11; MDDGA1; MDDGB1; MDDGC1; RT  
**ACCN:** NM\_001077366  
**Insert Size:** 723 bp  
**Insert Sequence:** >SC209058 3'UTR clone of NM\_001077366  
The sequence shown below is from the reference sequence of NM\_001077366. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTGGGACATCTTGATCCGAAAACACTAGAACAAAGAGTGTGGCAAAGAACACCCGTGCTGGGGTCGGG
ATGAGGTTGAAGGTCTTGGTCAATGTACGTAATGAGCAGGGTGGGCCCCACGCTGGGAGGACACGGGC
TGGGCTGAGCAGGCCTCTAGTGAACACATGGGGTCTCATTGAAAAGCTCTCTGATGAGCACCTCCT
TTTGTGCAAAGTTAATTTTTCTCGACAATAAAGATATTCCGTGTCTTTACCCCTGAACCTAAGACACAG
GGAGTATTTAGAGGCCAGCGTAGGAGTCATTGACAACAAAAAGCCGAGAACCAGGGCCAGCAGTGGA
GCCTCAGCAGACCAGGCCTGGTCTTGTACTGCTGCAGGGTGGAGTTTGATCTGGCAGACCCGATC
CTCCTTCATGAACACCCAGCAACCTGAGCAAGTCCCGGCCCTGCCCTCAGCGAGCCCGCAGGCCTCCT
GGGACAGCTCAGTGTGGAGGGCCACCTGAACCACGAGCCAGGGCTGGGGCTTGCATGTCATTGTCTAT
GACAGCGTCAAGACTGGCCCTTGGCACCCTGCTGTGTGAAAACCTCCCCTCTGAGACTCCACTGAGAC
GTGGCTGAGTGAATCTCCTCGTCAGTGGTCAAGGTGTGTCATCCATACAGCTCCATGCCTTTGTCTT
TTTTAAATGTAATTAATAAAGGAACCAACTGGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001077366.2</a></u>
<b>Summary:</b>	The protein encoded by this gene is an O-mannosyltransferase that requires interaction with the product of the POMT2 gene for enzymatic function. The encoded protein is found in the membrane of the endoplasmic reticulum. Defects in this gene are a cause of Walker-Warburg syndrome (WWS) and limb-girdle muscular dystrophy type 2K (LGMD2K). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2008]
<b>Locus ID:</b>	10585
<b>MW:</b>	26.8