

## Product datasheet for **SC210843**

### POFUT1 (NM\_172236) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	POFUT1 (NM_172236) Human 3' UTR Clone
Symbol:	POFUT1
Synonyms:	DDD2; FUT12; O-Fuc-T; O-FucT-1; O-FUT; OFUCT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_172236
Insert Size:	903 bp
Insert Sequence:	<p>&gt;SC210843 3'UTR clone of NM_172236</p> <p>The sequence shown below is from the reference sequence of NM_172236. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TCCTGTGTACCTTACTCTTCCCAAGGTAAACTGGAAGCAGCTTCTAGAGAACAGCTTCAGGTGCAGA
CCGAGAAATGACGTCATCCTGATAATTATTGGACGTGTTTATTAATTGCACCCATTAGCCCTGTTTT
TAAAAAATATAGTTAGCAGGACGTGGGCACAGGCCGTGAAACATTTATAGGGCGCCTGTCACGTGTGA
GACATAGTAATCAGAGGCCAATGGTGATGTGTGAAAATGAGGATGACCAGCTCTGGTTTTCTAGGAGCT
ATGGTCTCATAATGACAATAATCAGCATAGTGTACTTGTCTTAATGTTATAGCATGGCAGGAAAGACC
ATGGGCTTAGAAGGCAGACATTGGTTAGGAGGTGCAGGGAACATACTAATTCATGTGCGGTCAAAGCAC
TTGGCATTTAATAGGGCAAAGGTAACAGATGTAGAGAAATGAGTCTCATGCCTGTAATCCAGCACTT
TGGGAGGCCAAGGTGGGTGGATCACTTGAGCCTAAGAGATCAAGGCTGCAGTGAGCCATGATGGTACCC
CTGCACTCCAGCCAGGTTACAGAGCAAGGGCCTGTCTCAGCAAAACAAAACAAGCACAGGCCAAGGAG
TGAGATAGCCAGCGCTGATGGTATCTGCCTCGTAGTGCATGAAGTGCATGTCATACACTAAGCAGCCAG
CCAGTGTGGCTGTCAGTGTTATTACTCACATGCTTTATTTTATTAAGACTTTGAGATAGTTTCATGAA
GTGGGTATTATTATCAATTTCCATTTTATAGGTGAGGAACTGAGCCAGTGAAGTTAAATAACTTCCC
AAGGTCATTGAGCTGTTGAGTGGACAGCTCAGGTCTGTTTGTAATCTTTAATAAATAACAACAGCTAA
GATTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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<b>OTI Disclaimer:</b>	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).
<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_172236.2</a></u>
<b>Summary:</b>	This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	23509
<b>MW:</b>	33.8