

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
Vector:	pMirTarget (PS100062)
Symbol:	POFUT1
Synonyms:	DDD2; FUT12; O-Fuc-T; O-FucT-1; O-FUT; OFUCT1
ACCN:	NM_172236
Insert Size:	903 bp
Insert Sequence:	>SC210843 3'UTR clone of NM_172236 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. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCTGTGTTACTTACTCTTCCAAGGTGA AACTGGAAGCAGCTTCTAGAGAACAGCTTCAGGTGCAGA
CCGAGAAATGACGTCATCCTGATAATTATTGGACGTGTTTATTAATTGCACCCCATAGCCCTGTTTT
TAAAAAATATAGTTAGCAGGACGTGGGCACAGGCCGTGAACATTTATAGGGCGCCTGTACAGTGTGA
GACATAGTAATCAGAGGCCAATGGTGATGTGTGAAAATGAGGATGACCAGCTCTGGTTTTCTAGGAGCT
ATGGTCTCATAATGACAATAATCAGCATAGTGTACTTGCCTTAATGTTATAGCATGGCAGGAAAGACC
ATGGGCTTAGAAGGCAGACATTGGTTAGGAGGTGCAGGGAACATACTAATTCATGTGCGGTCAAAGCAC
TTGGCATTTAATAGGGCAAAGGTAACAGATGTAGAGAAATGAGTCTCATGCCTGTAATCCCAGCACTT
TGGGAGGCCAAGGTGGTGGATCACTTGAGCCTAAGAGATCAAGGCTGCAGTGAGCCATGATGGTACCC
CTGCCTCCAGCCAGGTTACAGAGCAAGGCCCTGTCTCAGCAAACAAAACAAGCACAGGCCAAGGAG
TGAGATAGCCAGCGCTGATGGTATCTGCCTCGTAGTGCATGAAGTGCATGCATACACTAAGCAGCCAG
CCAGTGTGGCTGTACAGTGTATTACTCACATGCTTTATTTTATTAAGACTTTGAGATAGTTCATGAA
GTGGGTATTATTCAATTTCCATTTTATAGGTGAGGAACTGAGCCAGTGAAGTAAATAACTTCCC
AAGGTCATTGAGCTGTTGAGTGGACAGCTCAGGTCTGTTTGTAATCTTTAATAAATAACAACAGCTAA
GATTCA
ACGCGT AAGCGGCCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).



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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:	NM_172236.2
Summary:	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]
Locus ID:	23509
MW:	33.8