

Product datasheet for **SC215312**

POFUT2 (NM_133635) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	POFUT2 (NM_133635) Human 3' UTR Clone
Symbol:	POFUT2
Synonyms:	C21orf80; FUT13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_133635
Insert Size:	1577 bp



[View online »](#)

Insert Sequence: >SC215312 3'UTR clone of NM_133635
The sequence shown below is from the reference sequence of NM_133635. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAACCCACCCACTGGAAGATCACCTACTAGGAGGATCCTCCAGGCGCGTCCCCGGACCCGACAGGCG
CGGGTGGATGCAGGTTCTGTGCGCGTGGAGTCACCGTCTACTGCCAGCCGGGAGCTGGGCGGACAGGAC
CGTCCCTCGCAGGGTCCCAGGCCAGAAGAGGCCCCACGCCTCTAGAGCTGGGCTCCGTCTCGCGGTT
GCCAGCCGCCATGGCTGATGAAGAGGCTCCGCTGCTCTCGGGGGTGGCGGTTGTTTTAGGCAGCGTCT
GTGAACCCACAGCTCGGTTGCCAGCAGTGCCCGCGTGGTGACCCAGAAGCAGGAGTGTGTTCAGGCTC
CCGCTCTGGCCTTCCAGCCACCTTTCATGTCTTCATATTTAAGTGCATTGAGGATAGATGCAGGCGG
GTGAGCTGCCCTCCGTGAGGTGGACCCGGGCTGACATTTCCCTGGGAGCTGGTGAAGGAGAAGCGTCA
TTTTAAATGTCTGCAGAGCGACAGGGGCTCATGAATCTCTCCGTTGCCCTCCGCGCAGCAGGAGGCT
GCCTGTGTGTTTCTCTCGGGATGCGTGCAAGGCAGACCTGGTGTGCAAGGAAAGGGCTGAGGCCT
CAGGGAGCCCCGTGGAGGGATGACAGTTCAGGCCCTACTGCTGGCACGTGACAGCACTGGGAAGTTTTT
CAGTGACGTCTCTGGGGCACTCAGTGGATTGTCTGTAGGAACTTGACAGCTCTGCTCCTCACACCAGGC
CCGGCTGGCCACCCACCTCGCCCCACTGGCCACCCCTCCCTCGCCCCGACTGCCCCGCCCCACCTC
ACCCGACTGCCCCGCCCTCGCCCCGGTGGCCGTCCTGCCCCGCGCTGGCAGGTGCACATGGG
GCCTCCAGGTCTGCCATTGCTATTGAGAACTAGAAATGAGGAAGGACAGTTACGCTAACTCCAAAAGG
CTGTCTAGGATGAGCTGCTTTATCAGGGAGCTCCTTGACCCATTTACAGAAATCATTTTTAGGTCTT
TGTGCCACCACACGAGGGGCATCTGCAAGAGGGCAACGCTAGACACAGAATCCGTGGAAGGTGCAGC
AGTGCCTCAGGGTCTCAGGGTCAGGGAGCCCCCTCACCTCTTGCCCGTTACCTTTTGACTTTT
CCACCATGGTGTGCTGTGACCCCTCAGTCAGGTTGGTGGGGGCTGAGTCCCTCACTGAGCAGCACTTTCC
ACATCTGCTAGAGGAACAGTGACATGGACACCTGTGACAGAGAGAGGACAGTTAGGAGGGACAGACAGC
TCTTCTTTTGGAGCCTGGCTAGTCTAGGACATCACCTTGCTGTGCTTCTCAAGCTTTTAAATTTGAC
CCTGAACGTGTGACAGGGTCTATGGTGTACTCAAAGCTGTGCAGGTAATGATGACATATTTATTC
TTTTTCCATTTGTTCTAGAAACAGTGCCTTTTTCATCAGTTGCATTTTCCAGGCTGAGAGCTGTATAAA
ACATTTTGGACTGTGACCATGTACCTTCTTTTAAAGAAAATAAACTGCTTTATGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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: NM_133635.6

Summary: Fucose is typically found as a terminal modification of branched chain glycoconjugates, but it also exists in direct O-linkage to serine or threonine residues within cystine knot motifs in epidermal growth factor (EGF; MIM 131530)-like repeats or thrombospondin (THBS; see MIM 188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]).[supplied by OMIM, Mar 2008]

Locus ID: 23275

MW: 57.1