

## Product datasheet for **SC210146**

### FAT (FAT1) (NM\_005245) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** FAT (FAT1) (NM\_005245) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** FAT1  
**Synonyms:** CDHF7; CDHR8; FAT; hFat1; ME5  
**ACCN:** NM\_005245  
**Insert Size:** 828 bp  
**Insert Sequence:** >SC210146 3'UTR clone of NM\_005245  
The sequence shown below is from the reference sequence of NM\_005245. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGATCCCAGCAGCACACGGAAGTCTGACTCTCAACTCCCCCAAAGTGCCTGACTTTAGTGAACCT
AGAGGTGATGTGAGTAATCCGCGCTGTTCTTTCAGCAGTGCTTCCAAGCTTTTTTGGTGAGCCGAAT
GGGCATGGCTGCGCTGGATCCTGCGCCTCTGGAGTGCTAGCCATTTCCAGTGTCCTCAACTACTGTGAT
CGTGAGGTTTTTCATCGGCTGTGCCATTTCCCAACGTCTTTTGGGATTTACATCTGTCTGTGTTAAAATA
ATCAAACGAAAAATCAGTCCTGTGTTGTCAGCATGATTCATGTATTTATATAGATTTGATTATTTAAT
TTTCCTGTCTTTTTTTGTAATTTTATGTACAGATTTGATTTTTTCATAGTTTTAACTAGATTTCCA
AGATATTTTGTGCATTTGTTTCAACTGAATTTTGGTGGTGTGAGTCCATTATCTAGCACCTGATTTT
TTTTTTTTACTATAACCAGGTTTCATTCTGTCTTTTTCCACTGAAGTGTGACATTTTGTAGTACAT
TTCAGTGTAGTCATTTCTAGCTGTACATAGGATGAAGGAGAGATCAGATACATGAACATGTCTTA
CATGGGTTGCTGTATTTAGAATTATAAACATTTTTTCATTATTGGAAGTGTAAACGGGACCTTCTGCAT
ACCTGTTTAGAACAAAACCACCATGACACAGTTTTTATAGTGTCTGTATTTTGTGATGCAATGGTCT
TGTAAGGTTTTTAAATGAAAACCTACATTAGCCAGTCTTTCTTACTGACAATAAATTATTATAAAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
```

**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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<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>	<a href="#">NM_005245.4</a>
<b>Summary:</b>	This gene is an ortholog of the Drosophila fat gene, which encodes a tumor suppressor essential for controlling cell proliferation during Drosophila development. The gene product is a member of the cadherin superfamily, a group of integral membrane proteins characterized by the presence of cadherin-type repeats. In addition to containing 34 tandem cadherin-type repeats, the gene product has five epidermal growth factor (EGF)-like repeats and one laminin A-G domain. This gene is expressed at high levels in a number of fetal epithelia. Its product probably functions as an adhesion molecule and/or signaling receptor, and is likely to be important in developmental processes and cell communication. Transcript variants derived from alternative splicing and/or alternative promoter usage exist, but they have not been fully described. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	2195
<b>MW:</b>	31.9