

Product datasheet for SC210146

FAT (FAT1) (NM_005245) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | FAT (FAT1) (NM_005245) Human 3' UTR Clone |
| Symbol: | FAT |
| Synonyms: | CDHF7; CDHR8; FAT; hFat1; ME5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_005245 |
| Insert Size: | 828 bp |
| Insert Sequence: | <p>>SC210146 3'UTR clone of NM_005245</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CTGGATTCCCAGCAGCACACGGAAGTCTGACTCTCAACTCCCCCAAAGTGCCTGACTTTAGTGAACCT
AGAGGTGATGTGAGTAATCCGCGCTGTTCTTTGCAGCAGTGCTTCCAAGCTTTTTTGGTGAGCCGAAT
GGGCATGGCTGCGCTGGATCCTGCGCCTCTGGACGTGCTAGCCATTTCCAGTGCCCAACTACTGTCAT
CGTGAGGTTTTTCATCGGCTGTGCCATTTCCCAACGTCTTTTGGGATTTACATCTGTCTGTGTTAAAATA
ATCAAACGAAAAATCAGTCCTGTGTTGTGACGATGATTCATGTATTTATATAGATTTGATTATTTAAT
TTTCCTGTCTCTTTTTTTGTAAATTTATGTACAGATTTGATTTTTCATAGTTTAACTAGATTTCCTCA
AGATATTTTGTGATTTGTTTCAACTGAATTTTGGTGGTGTGAGTGCATTATCTAGCACCTGATTTT
TTTTTTTTTACTATAACCAGGGTTTCATTCTGTCTTTTCCACTGAAGTGTGACATTTTGTAGTACAT
TTCAGTGTAGTCATTCATTTCTAGCTGTACATAGGATGAAGGAGAGATCAGATACATGAACATGTCTTA
CATGGGTGTGTATTTAGAATTATAAACATTTTTCATTATTGGAAGTGTAAACGGGGACCTTCTGCAT
ACCTGTTTAGAACCAAAACCACCATGACACAGTTTTTATAGTGTCTGTATTTTGTGATGCAATGGTCT
TGTAAGGTTTTTAATGAAAACCTACCATAGCCAGTCTTTCTTACTGACAATAAATTATTAATAAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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| 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: | <u>NM_005245.4</u> |
| Summary: | 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] |
| Locus ID: | 2195 |
| MW: | 31.9 |