

Product datasheet for **SC210244**

Fatty Acid Synthase (FASN) (NM_004104) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Fatty Acid Synthase (FASN) (NM_004104) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: FASN
Synonyms: FAS; OA-519; SDR27X1
ACCN: NM_004104
Insert Size: 835 bp
Insert Sequence: >SC210244 3'UTR clone of NM_004104
 The sequence shown below is from the reference sequence of NM_004104. 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
GAGCCACGCGTGAGCGTGC GGGAGGGCTAGGCCCGTGC CCCC GCCTGCCACCGAGGTCCTCCACCAT
CCCCACCCACCCACCCACCCCGCCATGCAACGGGATTGAAGGGTCTGCCGGTGGGACCCGTGCC
GGCCCCAGTGCCACTGCC CCCC GAGGCTGCTAGATGTAGGTGTTAGGCATGTCCCACCCACCCGCGCCT
CCCACGGCACCTCGGGGACACCAGAGCTGCCGACTTGGAGACTCCTGGTCTGTGAAGAGCCGGTGGTGC
CCGTGCCCGCAGGAAGTGGGCTGGGCTCGTGC CCCC GTGGGTCTGCGCTTGGTCTTTCTGTGCTTGG
ATTTGCATATTTATTGCATTGCTGGTAGAGACCC CAGGCTGTCCACCCTGCCAAGACTCCTCAGGCA
GCGTGTGGGTCCCGCACTCTGCC CCCC ATTTCCCGATGTCCCCTGCGGGCGCGGGCAGCCACCCAAGCC
TGCTGGCTGCGGCC CCCC CTCTCGGCCAGGCATTGGCTCAGCCCGCTGAGTGGGGGGTCGTGGGCCAGTCC
CCGAGGAGCTGGGCC CCCC TGACAGGCACACAGGGCCCGGCCACACCCAGCGGCC CCCC CGCACAGCCACC
CGTGGGGTGTGCC CCCC TTATGCCCGGCCCGGGCACCAACTCCATGTTTGGTGTGTTGTCTGTGTTGTTT
TTCAAGAAATGATTCAAATTGCTGCTTGGATTTTGAAATTTACTGTAAGTGTACAGTGTACAGTCTGGA
CCCCGTTTCATTTTACACCAATTTGGTAAAAATGCTGCTCTCAGCCTCCACAATTAACCCGATGTG
ATCTCCA
AGCGGACCGACTTACGCGTAAGCGGCCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCGC
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Restriction Sites: Sgfl-RsrII
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_004104.5
Summary:	The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha. [provided by RefSeq, Jul 2008]
Locus ID:	2194
MW:	30.1