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# Product datasheet for SC208064

## FCSK (NM_145059) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | FCSK (NM_145059) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | FCSK |
| **Synonyms:** | 1110046B12Rik; CDGF2; FUK |
| **ACCN:** | NM_145059 |
| **Insert Size:** | 624 bp |
| **Insert Sequence:** | >SC208064 3'UTR clone of NM_145059<br>The sequence shown below is from the reference sequence of NM_145059. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>GAGGCCTCAACCTGTTGCCCTTTCCCATGAAGCTGGCTTCTCTCTGCAACAGGAGAAAACCTGGAGCTA<br>CAGTGTCCCCCACCTTCCTTGCCCCATGGGAACCTCCACCTCCTACTCCCCACCCACCTCTGCGAATCT<br>GCTCCCAAAGGAAGCTGACCAGAGCAAGATCTGGGCAAGCAGAGAGTGCCTGGGACAGGACTGTGACCT<br>GGTGGACAGGGGCCTAGATGTAGCCTCTGTTCCTCCTGGACATAGGAAGGTCCCAAGCTTAGTATCCCA<br>CGTGGCCTTTACAAATCCTATGGCTGGCCTTCTCATTCCACAAGGGCCCTGGAAAGGGTTGACAGCCAG<br>CCTTGGCATATGGCTGGGAGTCCCTTAGCAAGGCCAACCCTGAAGAGGCCCTTTGAGGCATTCCCTATG<br>GCTTAGAGTTGTAGACTTACACTCAACCCTCATGTGAGCGTGGGAGTGAGGGTGGCGGTCCCTTGCCAA<br>GTTGGTAGCAGTGACCCAGTGATTCACTGCCATCCCAGGCCTTAACTAGCAAAACTACGGAGCGTGCCA<br>AGTGACCTGGTGCCTGTGGGAAGTGGGTTCTCAGGACTGGCATTCTTGGAATAAATTCACTCTGTCCTT<br>GCA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **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. |

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**RefSeq:** NM_145059.3

**Summary:** The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastatis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq, Jul 2008]

**Locus ID:** 197258

**MW:** 22.3