

Product datasheet for **SC204185**

SLC22A17 (NM_016609) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SLC22A17 (NM_016609) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SLC22A17
Synonyms: 24p3R; BOCT; BOIT; hBOIT; NGALR; NGALR2; NGALR3
ACCN: NM_016609
Insert Size: 360 bp
Insert Sequence: >SC204185 3'UTR clone of NM_016609

The sequence shown below is from the reference sequence of NM_016609. 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
CTGCTTGCCACCCCAACCCTGCCCTCTGAGCGGCCTCTGAGTACCCTGGCGGGAGGCTGGCCACACA
GAAAGGTGGCAAGAAGATCGGGAAGACTGAGTAGGGAAGGCAGGGCTGCCCAGAAGTCTCAGAGGCACC
TCACGCCAGCCATCGCGGAGAGCTCAGAGGGCCGTCCCCACCCTGCCTCCTCCTGCTGCTTTGCATTC
ACTTCCTTGCCAGAGTCAAGGGACAGGGAGAGAGCTCCACACTGTAACCACTGGGTCTGGGCTCCATC
CTGCGCCCAAAGACATCCACCCAGACCTCATTATTTCTTGCTCTATCATTCTGTTCAATAAAGACATT
TGAATAAACGAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_016609.7](#)



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Summary:

Cell surface receptor for LCN2 (24p3) that plays a key role in iron homeostasis and transport. Able to bind iron-bound LCN2 (holo-24p3), followed by internalization of holo-24p3 and release of iron, thereby increasing intracellular iron concentration and leading to inhibition of apoptosis. Also binds iron-free LCN2 (apo-24p3), followed by internalization of apo-24p3 and its association with an intracellular siderophore, leading to iron chelation and iron transfer to the extracellular medium, thereby reducing intracellular iron concentration and resulting in apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID:

51310

MW:

13.1