

Product datasheet for MC206837

Ltc4s (BC028760) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ltc4s (BC028760) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ltc4s
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206837 representing BC028760. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGGACGAAGTGGCTCTTCTGGCTACCGTCACCCTCGTGGGAGTTCTGTTGCAAGCCTACTTCTCC
CTACAGGTGATCTCTGCACGAAGGGCTTCCACGTGTCGCCGCCGCTCACCTCTGGCCCTCCCGAGTTC
GAGCGGTCTTCCGAGCCAGGTAACGTCAGCGAGTACTTCCGCTGTTCTCGCCACACTCTGGGTC
GCCGGCATCTTCTCCACGAAGGAGCCGAGCCCTGTGCGGACTGTTCTACCTGTTGCGCGCCTCCGC
TATTTCCAGGGATACGCGCGCTCAGCGCAACTCAGATGGCTCCAGATGCTCCTGCCGATGGCCGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-Mlul
ACCN:	BC028760
Insert Size:	342 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC028760](#)

RefSeq Size: 503 bp

RefSeq ORF: 341 bp

Locus ID: 17001

Cytogenetics: 11 B1.3

MW: 12.8 kDa

Gene Summary: The protein encoded by this gene is an enzyme that catalyzes the synthesis of leukotriene C4 by combining leukotriene A4 with reduced glutathione. The encoded protein is found in the outer nuclear membrane and in the peripheral endoplasmic reticulum. Leukotrienes have been implicated as mediators of anaphylaxis and inflammatory conditions such as bronchial asthma in humans. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]