

## Product datasheet for **MC220734**

### Ltf (NM\_008522) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ltf (NM_008522) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ltf
Synonyms:	Csp82; Lf; MMS10R; Ms10r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220734 representing NM\_008522  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAGGCTGCTCATCCCTCCTTGATATTTCTTGAGGCCCTTGGACTCTGTCTAGCTAAGGCAACA  
 TTCAATGGTGTGCTGTGTCAAATTCGAGGAAGAAAAATGTTAAGGTGGCAGAACGAGATGAGAAA  
 GGTGGCCCGCCGCTCAGTTGTGTCAAGAAATCCTCCACCCGCCAGTGCATCCAGGCCATTGTGACAA  
 AGAGCTGATGCCATGACTCTTGATGGTGGCACTATGTTGATGCAGGAAAGCCCCCTACAACTGCGAC  
 CTGTGGCAGTGAAGTCTACGGACAAAGAGCAGCCCCGGACTCACTACTATGCGGTAGCAGTCGTGAA  
 GAACAGCAGTAACTTTCATCTGAACCAACTCCAAGGCCTGAGGTCCTGCCACCCGGCATTGGCAGGAGT  
 GCGGGGTGAAAAATCCCTATAGGGACACTTCGTCCATACCTGAATTGGAATGGGCCACCTGCATCCCTT  
 AGGAAGCGGTATCCAAGTCTTCTCAAAGAGCTGTGTTCCGGTGCCAAAAGGATAGATCCCCAACCT  
 GTGTAGCTCGTGTGCAGGACAGGACCAACAATGTGCCTCTTCCCCGAGGAGCCATACTCAGTTAT  
 GCTGGAGCCTTGAGGTGTCTGAGAGACAATGCTGGAGATGTGGCTTTTACCAGAGGAAGCAGCGTATTTG  
 AGGAGTTACCAAATAAAGCCGAAAGGGACCACTACAAGCTGCTCTGCCAGACAACCTGGAAGCCGGT  
 GACAGAATAACAAGGAGTGCCACCTGGCCCAAGTCCCTTACATGCTGTGCTATCCCGAAGCAGCAATGAC  
 AAAGAAGAGGCCATCTGGGAGCTTCTCCGCCAGTACAGGAGAAGTTGGAAAAAACAAGCATCGGGAT  
 TCCAGCTCTTTGCCTCCCCCTCGGGACAGAAGGACCTGCTGTTCAAGGAGTCTGCCATTGGCTTTGTGAG  
 GGTCCCCAGAAGGTAGATGTAGGGCTCTACCTGACCTCAGCTACACCACATCCATACAGAACCTGAAT  
 AAAAGCAGCAGGATGTGATAGCCTCAAAGGCCGGGTACATGGTGTGCCGTGGCAGTGAGGAAAGC  
 GCAAGTGTGATCAGTGGAACAGAGCAAGCAGAGGCAGGTCACCTGCATCTATTCCCCACCAGGAAGA  
 CTGCATTGTCGCAATCATGAAGGGAGATGCTGATGCCATGAGCCTGGATGGAGGCTATATCTACACTGCG  
 GGCAAGTGCAGTTTGTAGTCCAGTCTTGGCAGAGAACCAGAAATCCTCAAAGCAATGGCTTGATTGTG  
 TGAACAGACCAGTGAAGGGTACCTTGCTGTAGCAGCAGTTAGAAGAGAAGATGCTGGCTTACCTGGAG  
 CTCTTTGAGAGGCAAGAAGTCTGCCACACTGCCGTGGACAGGACCGCAGGCTGGAACATCCCCATGGGC  
 CTGCTTGTAACAGACCAGATCCTGCAAATTTAATGAGTTCTTAGCCAAAGCTGTGCCCTGGTGTG  
 ACCCCAAATCCAATCTCTGTGCCTGTGATTGGTGTGAGAAGGGTGAACAAGTGTGCTCCCAACAG  
 CAAAGAGAGATACCAAGGCTACTGGGCTTTAAGGTGTCTGGTGAGAAGGCAGGAAATGTTGCATTT  
 TTGAAGGACTCCACTGTCTTGCAGAATACTGACGGGAAGAACAAGTGAAGAGTGGGCTAGGAACCTAAAGC  
 TGAAGGACTTTGAGCTTTGTGCCTTGATGACACCCGAAACCTGTGACTGAGGCTAAGAAGTGCACCT  
 AGCCATAGCCCCAAACCATGCTGTAGTGTCTCGGACAGACAAGGTGGAAGTCTTTCAGCAGGTGCTGCTT  
 GACCAACAGGTTCAAGTTGGGAGAAATGGACAGAGGTGTCCAGGAGAGTTTTGCCTGTTCCAGTCTAAAA  
 CCAAAAACCTTCTGTTCAATGACAACACTGAGTGTCTGGCCAAGATCCCCGGCAAAACCACATCGGAGAA  
 GTATCTGGGAAAGGAGTACGTATAGCGACCGAGCGCTGAAGCAGTGTCCAGCTCCCCACTCTGGAA  
 GCCTGCGCTTTTCTTACCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_008522

Insert Size: 2124 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_008522.3</a></u> , <u><a href="#">NP_032548.2</a></u>
<b>RefSeq Size:</b>	2742 bp
<b>RefSeq ORF:</b>	2124 bp
<b>Locus ID:</b>	17002
<b>UniProt ID:</b>	<u><a href="#">P08071</a></u>
<b>Cytogenetics:</b>	9 60.79 cM
<b>Gene Summary:</b>	Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.[UniProtKB/Swiss-Prot Function]