

Product datasheet for MC215230

Lipt1 (NM_001037918) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lipt1 (NM_001037918) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lipt1
Synonyms: EG623661
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215230 representing NM_001037918
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTAATTCACCTTTCAATGAAGAATTGCTTCCGATTACTTTGTCAGCACAAGGTCCCAGCAGCTGGCT
TAAAAAGCCACCCACACATGGGCTCATTTACAGTCGATCTCCAATGATGTATATGAAAATCTGGCTTT
TGAAGACTGGATCCAGCACACATACATCTAGAAGGCAAGCCGATTCTTTTCCTTTGGAGAAATTCCT
TCTGTCGTCATCGGCAGGCATCAGAATCCGTGGCAGGAATGTAACCTCCATCTGATGAGACAGGAAGGAA
TCAAACCTGGCTCGGAGGAAGAGTGGAGGAGGAGCCGTGTACCACGACATGGGTAACATCAACCTCACCTT
CTTTACCACAAAACCAAGTATGACAGAATGGAAAATCTGAAACTAATCGTGAGAGCTCTGAATGCTGTC
CAACCCAGCTGGATGTGCAGCCTACCAAAAAGTTTGACCTGCTACTCGACGGGCAGTTTAAAATCTCAG
GAACCGCATCAAAGATCGGCCGGACTGCCGCGTACCACCACTGCACCTTGCTATGCAGCACAACCGGAC
AGCTCTGTCTTCTCGCTGAAGAGCCCGTACTGCGGGATAAAGAGCAACGCCACTCCCAGCATCCCTTCC
GCTGTCAAAAACCTTCTGAAAGAGATTCCACGCTGACCTGTGAAGTTCTGATGAGTCCGGTGGCTGCAG
AGTACGCGGCGCATCATCAAGTTGATGGTCACGTCAACCTAATAAACCCCTGCAGATGAGACGATGTTCCC
TGGAAATAAACCGCAAAGTCAAGGAACTGCAAAGTTGGGAGTGGGTATACGGCAGGACTCCCAAGTTTACC
GTGGACACCACGTTTCATGTGCCGTATGAGCAGGCGCATTGGAAATCCAAGTGTTTCATGGATGTAAGA
ACGGACGAATCGAAACCTGCGCTATTAAGGCACCCGATCACTGGCTGCCGCTGGAATAGGTGAGAAATT
AAACTCAAGTTTCATCGGCAGCAAATCTGCCCGTTGAAACCACCTGCTAACGAATGTATTACTGAGA
ACATGTCCAGGCGACCATCACTTACACAGTAAATGGTACATTCTGTGTGAAAAAATCAGGGGGATAATGT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001037918
Insert Size:	1122 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).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	<u>NM_001037918.3, NP_001033007.2</u>
RefSeq Size:	1555 bp
RefSeq ORF:	1122 bp
Locus ID:	623661
UniProt ID:	<u>Q8VCM4</u>
Cytogenetics:	1 B
Gene Summary:	Catalyzes the transfer of the lipoyl group from lipoyl-AMP to the specific lysine residue of lipoyl domains of lipoate-dependent enzymes.[UniProtKB/Swiss-Prot Function]