

Product datasheet for **MC207788**

Lztf11 (NM_033322) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lztf11 (NM_033322) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lztf11
Synonyms: 5530402H04Rik; 6130400H19Rik; AI414725; AW048545
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207788 representing NM_033322
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGAGTTGGGCCTAAATGAGCACCATCAAATGAGGTCATTAATTACATGCGTTTTGCTCGTTCAA
AAAGAGGCTTGAGACTTAAAACGGTAGATTCTGCTTTCAGGACCTCAAGGACAGCAGGCTGGTGGAGGA
GACTTTCACCATTGATGAGGTTTCAGAAGTCCTAAATGGGCTGCAGGCTGTGGTACACAGTGAGGTGGAG
TCCGAGCTCATCAATACAGCTTACACCAATGTCCTGCTCTACGGCAGCTGTTCTCCAAGCTGAGAAGT
GGTATCTAAAGCTACAGACAGACATCTCTGAACCTGAAAACAGAGAATTATTAGAACAAGTTGCTGAATT
TGAAAAGGCAGAAATTTGTATCTTCAAGTAAAAGCCCATCATAGATATCACAAGCCTAAACTTGTTC
ATTAATGAAGGTGGAACACAGAGCTCCTAAACAAGGAAATTTAAGACTTCAACAAGAGAATGAAAAAC
TAAAGTCAAGGCTGAAGACCATTGAAATACAGGCTGTAATGCTCTGGATGAGAAGTCAAAATGGAAAG
AGTACTTCAAGATTTACAGCTCGATCAAGAAAACCAACAGGATTTGCTAAAGGCCAAGACTTGGATGAC
TTGGAAAATACAGTTGCAACTCTTAGGAGTGAATTTCAGAAGCACTTAATGACAAGACAGAAAACAAA
AATCTTTTGAAGAGAACCTAGCAGCAGCCAAACATGACCTCCTCAGAGTACAGGACAGCTGAGCATGGC
TGAAAAGGAGTTAGAGAAGAAATTTCAACAACAGCAGCTTATCGAAACATGAAAAGAGATTTCTACCCAAA
AAGAATGATCAAATCAAAGACCTACGAAAAGACTGGCAAAATATGAATCTGAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_033322
Insert Size: 900 bp



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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:	NM_033322.2 , NP_201579.1
RefSeq Size:	3438 bp
RefSeq ORF:	900 bp
Locus ID:	93730
UniProt ID:	Q9JHQ5
Cytogenetics:	9 74.36 cM
Gene Summary:	Regulates ciliary localization of the BBSome complex. Together with the BBSome complex, controls SMO ciliary trafficking and contributes to the sonic hedgehog (SHH) pathway regulation. May play a role in neurite outgrowth. May have tumor suppressor function. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the protein-coding variant.