

Product datasheet for **MC213044**

Fbll1 (NM_001004147) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fbll1 (NM_001004147) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Fbll1
 Synonyms: A1595406
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC213044 representing NM_001004147
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACCCGGGGCGGCCGGCGGGCTGGGGCTGGGGTGGCGCAAGGGAGGCAGCAAGGGAGGTGACA
 CGGGCTCAGGGACCAAGGCGGCTTCGGGGCACGCACGCGGCTCCAGCGGGCGGCCGGGGCCGGGG
 ACGAGGCGGGCGGGGGCGGGGGCGGGCGGGCGGCGGACAGGCAGCGACGCGGGTCCAGGCAAGAAC
 AAGAACC GCCGAAGAAGGCATCACGGTGTGGTGGAGCCGCATCGGCACGAGGGCGTGTTCATCTACC
 GCGGCGGGAGGATGCTCTGGTCACTGAACATGGTGCCTGGAGTCTCGGTGTACGGCGAGAAGCGCGT
 CACCGTGATGGAGAACGGGGAGAAACAGGAGTACCGCACGTGGAATCCCTTCCGCTCCAAATTGGCAGCG
 GCCATCCTGGGGCGGCTGGACCAGATCCACATCAAGCCCAAGTCCAAAGTGTGTACCTGGGCGCCGCT
 CCGGAACCACTGTCTCACACGTCTCCGACATCATCGGCCCGACGGCCTGGTCTATGCGGTTGAATTCTC
 CCATCGCGCCGGCCGCGATCTGGTCAACGTGGCCAAGAAGCGCACCAACATCATCCCGGTGCTGGAAGAT
 GCCCGCACCCGCTCAAGTATCGCATGCTATTGGCATGGTGGACGTGATCTTCGCCGATGTGGCCACG
 CAGATCAGTCGCGCATCGTGGCGCTTAACGCCACACCTTTCTGCGCAACGGAGGCCACTTTCTCATTTC
 CATCAAGGCCAACTGCATCGACTCCACAGCGTCTGCCGAGGCCGTTTGGCTTCTGAGGTGAGGAAGCTG
 CAACAGGAGAACTTGAAGCCACAGGAGCAGTACTCTGGAGCCCTACGAAAGGGACCACGCCGTCTGCG
 TCGGGTCTATCGGCCCCACCCAAGAGCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001004147



Insert Size:	945 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_001004147.3</u> , <u>NP_001004147.1</u>
RefSeq Size:	1522 bp
RefSeq ORF:	945 bp
Locus ID:	237730
UniProt ID:	<u>Q80WS3</u>
Cytogenetics:	11 A4
Gene Summary:	S-adenosyl-L-methionine-dependent methyltransferase that has the ability to methylate both RNAs and proteins. Involved in pre-rRNA processing by catalyzing the site-specific 2'-hydroxyl methylation of ribose moieties in pre-ribosomal RNA. Also acts as a protein methyltransferase by mediating methylation of glutamine residues (By similarity). [UniProtKB/Swiss-Prot Function]