

Product datasheet for MC201467

Fbxl15 (NM_133694) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl15 (NM_133694) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxl15
Synonyms:	0710008C12Rik; Fbxo37
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC016499 sequence for NM_133694

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GCAACGGAGACCGAAAGCAGTGTTCGCTCGCCGCTACTCCAGCCTCGGGCTTCAAGCCCTGTAGCTGAGA
AGACATCTAATGGTACATCACTGGTCCGTTCTGCCTCAGTTTCGGGATCCATCCGAAAAGCTTCCTGACA
AGGATTCTCAGTGAGACCGCACTCGATTAAATCGGTCTGTCTCTTCCGACCAAGGAGGCGGCTCGCCGC
AGCCGCTTCAAGGCCAAAGCGAGTGAGCTTACTGCGCACGCGCAGTAGACAGCGATGGAGCCACCAATG
GAGCAGTCCGGAGGGGAGCAAGAACCAGGAGCTGTGAGGCTCCTGGACCTGCCCTGGGAAGACGTGCTGC
TCCCGCACGTCTGAACCTGGGTCCGCTGCGCCAGCTGCTCCGGCTGCAGCGCTCAGTCGCGCCTTCCG
GGCGCTCGTTAGCTGCACTTGGCGAGGCTGCGCCGCTTCGACGCCGCTCAGGTGGGTCCACAGATTCCA
CGGGCGGCACTAGCCCGGCTACTGCGGGATGCTGAGGGGCTGCAGGAGCTGGCGCTGGCTCCGTGTACG
AATGGCTGTCGGACGAGGACCTGGTGCCGGTGCTGGCACGGAATCCACAGCTCCGGAGCGTAGCGCTGGC
CGGCTGCGGCCAACTGAGTCGCCGAGCCCTGGGGGCGCTGGCTGAGGGCTGCCCGCTCTGCAGCGCCTT
TCCTCGCTCACTGTGACTGGGTGGACGGCTGGCACTGCGTGGCTCGCTGACCGCTGCCCGGCTCTGG
AGGAGCTAGACCTCACCGCTGTCTGCACTCAAGGACGAGGCCATCGTGTACCTGGCGCAGAGACGCGG
CGCGGGCTCCGACGCTCTCATTAGCAGTCAACGCCAATGTTGGGGACACTGCGGTTCAAGAGTTGGCT
CGAAACTGCCCGCAGCTCGAGCACCTAGACCTACCCGGCTGCCTTCGGGTGCGAAGCGACGGTGTACGGA
CACTGGCCGAGTACTGCCCGGCTGCGCTCTCTGCGGTGCGGCACTGCCACCATGTGGCTGAACCGAG
CCTGAGCCGCTTGCGGAAGCGTGGTGAGACATCGACGTGGAACCAACCCCTGCACCAAGGCTCTGGTGCTA
CTCCAGGACATGGCAGGCTTCGCACCCCTTTGTCAACCTACAGGTTTGACTAACTTTCCTTGGGGTGGGAG
CACAGCTGGACTGTGTAGCCCGGCTTGACCCCTGAGCCATAGGGAAGTGAAGTGGGGGCTGTGGTT
GACAGGCCTGTGAGATCCCTGTCCCCCTGGAATTTCAAATAAAGAGCTTTTTTCCCCCTTAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_133694
Insert Size:	891 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC016499</u> , <u>AAH16499</u>
RefSeq Size:	1370 bp
RefSeq ORF:	891 bp
Locus ID:	68431
UniProt ID:	<u>Q91W61</u>
Cytogenetics:	19 C3
Gene Summary:	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of SMURF1, thereby acting as a positive regulator of the BMP signaling pathway. Required for dorsal/ventral pattern formation and bone mass maintenance. Also mediates ubiquitination of SMURF2 and WWP2 (By similarity).[UniProtKB/Swiss-Prot Function]