

Product datasheet for **MC226738**

Ubxn10 (NM_001285929) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubxn10 (NM_001285929) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubxn10
Synonyms:	5730509E04Rik; A830047D02; Ubx d3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226738 representing NM_001285929 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCATAGAAGCCCCTGTGAACTTTGCACCACCTGAACGCAGCACTGTGGTCAGCACCGCAGGCGACA
GCTCCACCTGGCAGCCAGCTCACTCAGGATGCACGTTATCAGGCCCAAGTCTGCCAAGGGCCGGAAGCG
GCCGAATTTGCACAGACCACAAGGCATGGGGGACGGCTCCCCAGTGCATCTCTTACCTCCACCA
CGGTCTCCGGGTCTCCAGCAACCAGAAACCAGGAGTCTGTGCAACGGTCTCAACATCTCAGGGAGCTC
CTGACGAGATGCCGGAGTTGCTGCTGCAGCAGGACCGACACGGACCGCCTCATCTCTCAACAGGTACCC
GGTCTCCCATCCATCAACAGGAGGAGCTTAGAGGTGGGAGCCGTGGACACTGTGGCCAGCAAGACCACT
TCCCTGCAGCTGAGCAGCGTCCAGGCCCTTTACCAAGAGGATTCAAGCCAGGAAGACTCCAGAACGCAGG
TCTGTGCCTTAGAGAAGAAGTTCATCATCCGAACCAAAAGACAGAGCTCCTCCAGGGCCTCCAACATCGA
GGAGCCGTCCGACGAAGAGCCAAGGCTGCTGCTGGCTGTCCGGTCACCCCTCAGGCCAAAGGTTCTGTGCGC
TATTTAGGCCAGTGACGACCTCCAGACCGTCTCGAGGTGGCCGAGCAGAAAAACAAAGCCACCTACC
AACACTGCAGCATTGAGACGATGGAAGTGCCAGGAGACGGTTCTCCGACCTACCAAGTCCCTCCAGGA
ATGCGGCATCCTCATAAATCCGTGTTGGGCATCTCGCAGGAGGAGGGGGAGGCGTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001285929
Insert Size:	834 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001285929.1 , NP_001272858.1
RefSeq Size:	3205 bp
RefSeq ORF:	834 bp
Locus ID:	212190
UniProt ID:	Q8BG34
Cytogenetics:	4 D3
Gene Summary:	<p>VCP/p97-binding protein required for ciliogenesis. Acts as a tethering factor that facilitates recruitment of VCP/p97 to the intraflagellar transport complex B (IFT-B) in cilia. UBX domain-containing proteins act as tethering factors for VCP/p97 and may specify substrate specificity of VCP/p97.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 all encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>