

Product datasheet for SC100575

UBXD3 (UBXN10) (NM_152376) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBXD3 (UBXN10) (NM_152376) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBXD3
Synonyms:	UBXD3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100575 sequence for NM_152376 edited (data generated by NextGen Sequencing) <pre> ATGGCCACAGAAGCCCCTGTGAATATAGCACACCTGAGTGTAGCACTGTTGTCAGCACA GCAGTTGACAGCCTCATTGGCAGCCAACTCACTAAATATGCACATGATAAGGCCCAAG TCCGCCAAGGGACGGACAAGACCGAGTCTGCAGAAATCCAGGGCGTGGAGGTGTGCGCT CATCATATACCATCTCCGCCTCCAGCCATTCCCTATGAGTTGCCAAGCAGCCAAAAACCA GGAGCCTGTGCACCCAAATCTCCAAACCAGGGAGCTTCTGATGAGATCCCTGAGCTGCAG CAGCAAGTACCCACTGGGGCTTCTCTTCTCTCAATAAGTATCCAGTCCTTCTTCCATC AACAGAAAGAACCTGGAGGAGGAGGCTGTGGAACCGTTGCCAAAAGGCCAGCTCACTG CAACTGAGCAGTATCCGGGCTCTTACCAAGACGAGACGGGCACCATGAAGACAAGTGAA GAAGATTCCAGAGCTCGAGCTTGTGCCGTGGAGAGGAAATTCATCGTCCGAACCAAGAAA CAGGGCTCTTCCAGGGCTGGAAATCTGGAGGAACCATCGGACCAAGAACCAAGGTTGCTG CTTGCTGTTAGATCACCAACAGGCCAAAGGTTTGTACGCCATTTCCGGCCAACAGATGAT TTGCAACCATTTGCTGTGGCCGAACAGAAAAACAAACCTCCTACCGACACTGCAGC ATTGAAACAATGGAGGTGCCAGGAGGCGATTTTCTGACCTACCAAAATCTCTGCAAGAG TGCAGAAATCCCCACAAGTCTGTGCTGGGCATCTCACTGGAAGATGGGGAAGGTTGGCC TGA </pre>

Clone variation with respect to NM_152376.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152376 unedited
 GGATTTTGTAAATACGACTCACTATAGGGCGGCNCGCAATTTCGCACGAGGGGAGCGGAAC
 GGCTAGGGGTCTTGAGAAAGCAATGGCCACAGAAGCCCCTGTGAATATAGCACACCTGAG
 TGTAGCACTGTTGTCAGCACAGCAGTTGACAGCCTCATTTGGCAGCCAACTCACTAAAT
 ATGCACATGATAAGGCCCAAGTCCGCCAAGGGACGGACAAGACCGAGTCTGCAGAAATCC
 CAGGGCGTGGAGGTGTGCGCTCATCATATACCCTCTCCGCTCCAGCCATTCCCTATGAG
 TTGCCAAGCAGCCAAAAACCAGGAGCCTGTGCACCCAAATCTCCAAACCAGGGAGCTTNT
 GATGAGATCCCTGAGCTGCAGCAGCAAGTACCCACTGGGGCTTCTCTTCTCTCAATAAG
 TATCCAGTCCTTCTTCCATCAACAGAAAGAACCTGGAGGAGGAGGCTGTGGAAACCGTT
 GCCAAAAAGGCCAGCTCACTGCAACTGAGCAGTATCCGGGCTCTTACCAAGACGAGACG
 GGCACCATGAAGACAAGTGAAGAAGATTCCAGAGCTCGAGCTTGTCCGTGGAGAGGAAA
 TTCATCGTCCGAACCAAGAAACAGGGCTCTTCCAGGGCTGGAAATACGGAGGAACCATCG
 GACCAAGAACCAAGGTTGCTGCTTGTGCTGTAGATNACCAACAGGCCAAAGGTTTGTACG
 CCATTTCCGGCCAACAGATGATTTGCAAAACCATTGGTTGCTGTGGGCCGAACAGAANAAC
 AAAACCTCCTACCGACACTGCAGCATTGAACAATGGGGAGGTGCCAGNAGAGCGATTTT
 TCTGACCTACCAAAATCTCTGGCAGAAGTGCAGAATCCCCACCAGTCTGTGCTGGATTG
 AGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152376 unedited
 GAATTCTATGNNACCGCGGCCCGCATTNANGATCGAGTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTCCCCCGGGGAAGTGTTAATCCTGCATCAAATACAGACA
 GGGAAAGCATTGGCTTTTCAAAGAATCACAGTTCACTGTAAAGGCAAGCCGTGTTGAA
 AAGGACCATTAAATCAAAGGACCCAAACTCTGGAAAGGAAAAGTCATGATCACTGCTG
 TTTCAGGAACAACCTTGTTAACTTGCCAGTTACCCTGGGGGTGGAAAAATGGAACACCT
 GGAAGGGAGACTTCTTAGCGCGCTCGGCATAGGCACAACTTCACTGCTTCAAAGGACAC
 CAGTGCAAAACGAGAGTCCCAAGCTTCCAGCTGCACCAGGTCCACATGGCACTTGAAAC
 AGGCTGCCTAAGAGGCCACAACGCCCAAGCATGCTCCTTTGCTCAAAGACCCAGGACCTC
 AGCTGGGTGGCTGTGGACTCAGGGCCACCCTTCCCATCTTCCAGTGAGATGCCAGCAC
 AGACTTGTGGGGGATTCTGCACTCTTGCAAAGATTTGGTGAGGTCAGAAAATCCCTCCT
 GGGCACCTCCCTTGTTTCAATGCTGCAGTGTGGTAGGAGGTTTTGTTTTCTGTTGGC
 CACACAACCATGGGTTGCAATCATCTGTTGGGCCGAATGGCGTACAAACCTTTGGCCT
 GGTGGGGATCCAACCGCGCCNACCTTGGGTCTTGGCCCAAGTTTCCCCCAATTTTC
 CGCCCCGGAAGAACCCTTTTTTGGGTCCGACAAAAATATCTCCCCCGGCCAAGCTCG
 AGCCCTGGAACCTCTTACCTTGCTCAGGGGCCCTCTCTCTGGAACCAACCGAACCCG
 CAAATCGGGGAGCTGG

Restriction Sites:

NotI-NotI

ACCN:

NM_152376

Insert Size:

1400 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:	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_152376.2, NP_689589.1</u>
RefSeq Size:	2989 bp
RefSeq ORF:	843 bp
Locus ID:	127733
UniProt ID:	<u>Q96LJ8</u>
Cytogenetics:	1p36.12
Domains:	UBX
Gene Summary:	VCP/p97-binding protein required for ciliogenesis (PubMed:26389662). Acts as a tethering factor that facilitates recruitment of VCP/p97 to the intraflagellar transport complex B (IFT-B) in cilia (PubMed:26389662). UBX domain-containing proteins act as tethering factors for VCP/p97 and may specify substrate specificity of VCP/p97 (PubMed:26389662). [UniProtKB/Swiss-Prot Function]