

Product datasheet for **MC203427**

Ubxn2b (NM_026534) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubxn2b (NM_026534) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ubxn2b
Synonyms: 3110003A22Rik; 6430407D20Rik; AI451665; p37
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC076632

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GGCAGGCGCCGCAAGCGGGTGAAGATGGCGGAGGGTGGCCGTGCGGAGCCGGAGGAGCAGGAGCGTGGG
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CTTGATAGCTTGGGAAATATCAAACACTGACAGAAACACTTGTTTGCCCCCTGAGCTCCTCCTATCCGTG
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CAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_026534
- Insert Size:** 996 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: [BC076632](#), [AAH76632](#)

RefSeq Size: 4435 bp

RefSeq ORF: 996 bp

Locus ID: 68053

UniProt ID: [Q0KL01](#)

Cytogenetics: 4 A1

Gene Summary: Adapter protein required for Golgi and endoplasmic reticulum biogenesis. Involved in Golgi and endoplasmic reticulum maintenance during interphase and in their reassembly at the end of mitosis. The complex formed with VCP has membrane fusion activity; membrane fusion activity requires USO1-GOLGA2 tethering and BET1L. VCPIP1 is also required, but not its deubiquitinating activity. Together with NSFL1C/p47, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase. Also, regulates spindle orientation during mitosis. [UniProtKB/Swiss-Prot Function]