

Product datasheet for **MG203340**

Ubxn2a (NM_145441) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ubxn2a (NM_145441) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Ubxn2a |
| Synonyms: | 6330407P03Rik; Ubx4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203340 representing NM_145441 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGAAGTAGATAATCTTGACAGTATAAAAGAAGAATGGGCTTGTAACAGGACCTCCTGACAGTC
AACCCCTCAATGATAATCAACAAAAGGACTGTGAATATTTTGTGACAGCCTTTTGTAGGAAGCAGGGAA
GGCTGGTGCCAAATGCTTGCCCCACTGAACAGAAGAACAGGTAGATGTAATATAAAATTGTGGAAA
AACGGATTCAGTCAATGATGATTTTAGAAGTTACTCTGATGGTCAAGTCAGCAGTTTCTGAAGTCCA
TCAAAAAGGGGAATTACCTTCAGAATTATGGGAATTTTGTATAAGAGGAGGTGGATGTTAAAGTTGA
AGATAAGAAAAATGAAGTATGTATGTCTACAAAGCCTGTGTTCCAGCCCTTCTCAGGACAGGGCCACAGA
CTAGGAAGTGCTACACCAAGAATCGTTTCTAAAGCAAAGAGTGTTGAAGTTGACAATAAAAGTACTTTGT
CTGCTGTTTCACTGAACAACTTGGAGCCATTACCAGGATCCAGATCTGTTAGCCAATGGGAAAGAAC
TGTCCAAAGATTTAATGTTTCTCATAGGGTGAGCCACATCAAAGACTTCATTGAAAAATACCAAGGATCT
CAGAGAAGCCCTCCCTTTGCCCTGGCAACAGCTCTTCCTTCTCAGGTTTCTGGATGAAACGCTCATAT
TGGAAAGAAGCAGATTTGAAGAATGCTGTAATCATTAGAGACTCCAAAAAAGTCCCGAGCCTTTAGAAA
ACTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203340 representing NM_145441
Red=Cloning site Green=Tags(s)

MKEVDNLDISIKEEWACETGPPDSQPLNDNQKDCYFVDSL FEEAGKAGAKCLSPTEQKQVDVNIKLWK
 NGFTVNDDFRSYSDGASQQFLNSIKKGLPSELWGI FDKKEVDVKVEDKKNEVCMSTKPVFPFSGQGHR
 LGSATPRIVSKAKSVEVDNKSTLSAVSLNNLEPITRIQIWLANGERTVQRFNVSHRVSHIKDFIEKYQGS
 QRSPFALATALPFLRFLDELTLLEEADLNVAIIQRLQKTAEPFRKL

TRTRPLE - GFP Tag - V

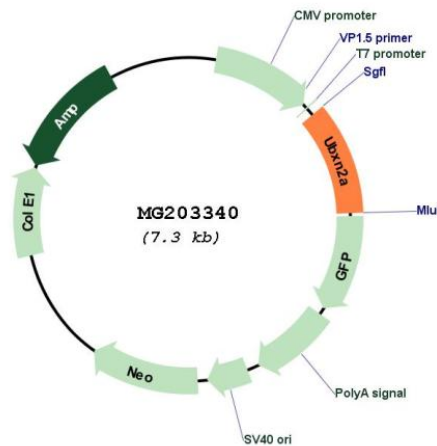
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_145441

ORF Size: 774 bp

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|-------------------------------|---|
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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: | NM_145441.4 |
| RefSeq Size: | 2512 bp |
| RefSeq ORF: | 777 bp |
| Locus ID: | 217379 |
| UniProt ID: | Q99KJ0 |
| Cytogenetics: | 12 A1.1 |