

Product datasheet for **RC210524**

UBXN2A (NM_181713) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBXN2A (NM_181713) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UBXN2A
Synonyms:	UBXD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210524 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAGACGTAGATAACCTCAAAGTATAAAAGAAGAATGGTGGTGTGAAACAGGATCTGATAATCAAC
CTCTTGGTAATAATCAACAATCAAATTGTGAATATTTTGTGATAGCCTTTTGGAGGAGCTCAGAAGGT
TAGTTCCAAATGTGTCTCCCCTGAACAGAAGAAACAGGTAGATGTAATATAAAATTATGGAAAAAC
GGATTCACCGTCAACGACGATTTTACAAGTTATTCGGATGGTCCAGTCAGCAGTTTTTGAACCCATCA
AAAAGGGGAATTACCTTACAATTACAGGAATTTTGTATAAAGAAGAGGTGGACGTTAAAGTTGAAGA
CAAGAAAAATGAAATATGTTTGTCTACGAAGCCTGTGTTCCAGCCCTTTTCAAGGACAGGTCACAGACTA
GGAAGTGCCACACCAAAAATTGTTTCTAAAGCAAAGAATATTGAAGTTGAAAAATAAAATAATTTGTCTG
CTGTTCCACTGAACAACCTTGAACCCATTACTAATATACAGATCTGGTTGGCCAATGAAAAAGGATTGT
CCAGAAATTTAACAATTAATCATAGAGTAAGCCATATCAAAGACTTCATTGAAAAATACCAAGGATCTCAA
AGAAGTCTCCGTTTTCCCTGGCAACAGCTCTTCTGTCTCAGGTTGCTAGATGAGACTCACACTGG
AAGAAGCAGATTTACAGAATGCTGTCATCATTACAGACTCCAAAAAAGTGCATCTTTAGAGAACCTTC
AGAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC210524 protein sequence
Red=Cloning site Green=Tags(s)

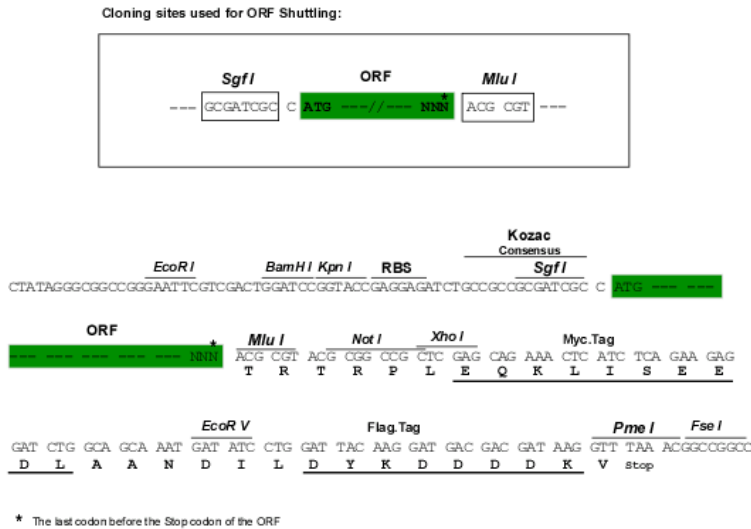
MKDVDNLKSIKEEWVCETGSDNQPLGNNQQSNCEYFVDSLFEAQKVSSKCVSPAQKKQVDVNIKLWKN
 GFTVNDFFRSYSDGASQQFLNSIKKGELPSELQGIQFDKEEVDVKVEDKNEICLSTKPVFQPFSGQGHRL
 GSATPKIVSKAKNIEVENKNNLSAVPLNNLEPITNIQIWLANKRIVQKFNITHRVSHIKDFIEKYQGSQ
 RSPFFSLATALPVLRLLETLLEEADLQNAVIQRLQKTASFRELSEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6368_e11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_181713

ORF Size: 777 bp

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:

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_181713.4](#)

RefSeq Size: 1909 bp

RefSeq ORF: 780 bp

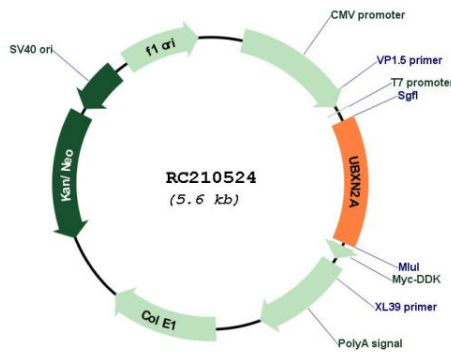
Locus ID: 165324

UniProt ID: [P68543](#)

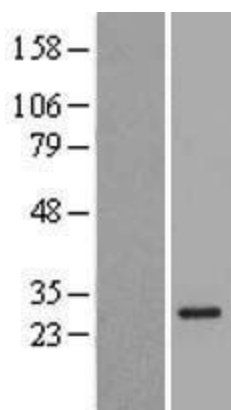
Cytogenetics: 2p23.3

MW: 29.3 kDa

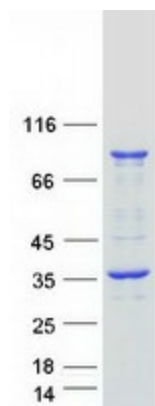
Product images:



Circular map for RC210524



Western blot validation of overexpression lysate (Cat# [LY405660]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210524 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified UBXN2A protein (Cat# [TP310524]). The protein was produced from HEK293T cells transfected with UBXN2A cDNA clone (Cat# RC210524) using MegaTran 2.0 (Cat# [TT210002]).