

Product datasheet for **SC304860**

KIAA1530 (UVSSA) (NM_020894) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1530 (UVSSA) (NM_020894) Human Untagged Clone
Tag:	Tag Free
Symbol:	UVSSA
Synonyms:	KIAA1530; UVSS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



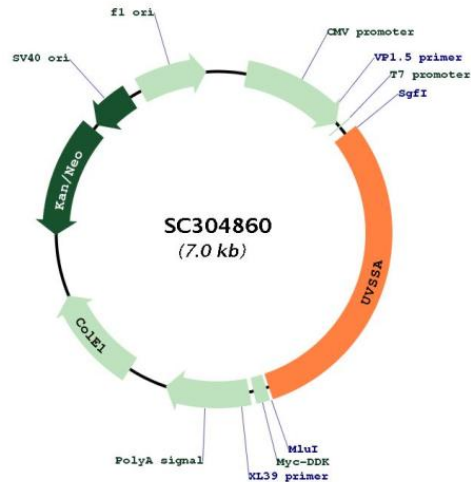
[View online »](#)

Fully Sequenced ORF: >SC304860 representing NM_020894.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGATCAGAACTTTCAAGTTGGTGAAGAGCTCACAACCTCAGGAGAACCCCGACTAAATCCTGAG
AAAATGAAGGAAGTGAAGAAAATTTGCAAGTCTTCAGAGGAGCAGCTGAGCCGCGCTACCGCTGCTG
ATAGCACAGCTGACCCAGGAGCAGCGCGAGATCCGTCTCTCAGCCTTCCAGATTGTGGAGAACTCTTC
GTCAGGTCTCACCAGTCCGGATGCTGGTTGTTTCCAACCTCCAGGAGTCTCGGAGCTCACGCTGGGC
ACAGACCCCGCACAGCCTCTGCCGCCCCCAGGGAGGCGGCACAGAGGCTGAGGCAGGCGACCACCCGG
GCCGTGGAAGGGTGAATGAGAAGTTTGGGAGGCCTACAAGAAGCTTGCTTGGCTACCACTTCTTA
AGACACAACAAAAAGGTGGATTTTCAAGACACGAATGCTCGGAGTCTGGCAGAAAGGAAGAGAGAAGAG
GAGAAGCAGAAGCACTTGATAAAAATTTATCAAGAAAGAGCCAGCCAGGCGGAGAGGGAGATGCAAGAA
ATGTCTGGAGAAATTGAATCCTGCTTGACGGAGGTAGAGAGCTGCTTTAGGCTGCTGGTGCCTTTTGAC
TTTGACCCGAACCCGGAGACGGAATCCCTTGCCATGGCTTCTGGCATGTCGGATGCCCTTCGCTCCTCC
TGC GCGGCCAGGTGGGCCCCCTGCCGGTCTGGCACCCCTGACCCCGGGACGGGGAGCAGCCTGCTGC
AGTAGAGACCTGCCTGCCTCTGCAGGCCACCCAGAGCGGGCGGGGGCACAGCCATCCAGACAGCC
ACAGGTGACCCCTCAGATGAGGACGAGGACAGCGACCTCGAGGAGTTTGTGCGGAGCCACGGGCTGGGC
TCGCACAAGTACACGCTGGATGTGGAGCTCTGCTCAGAGGGCCTGAAGGTGCAGGAGAACGAGGACAAC
CTTGCTCTCATCCACGCCCGCCGCGACACACTCAAGCTCATCCGGAACAAGTTCTGCGGGCTGTGTGC
TCGTGGATCCAGCGCTTACCCCGCTCGGGACCCAGGTGGATGTTTAAAGCGTGCCATTGACCTGAAG
GCTGAATTGGAGCTCGTACTGAGAAAATACAAGGAGCTGGACATCGAGCCTGAGGGAGGGGAAAGGCCG
AGGACGAAGCCCTGGGGATGCGGAGGAAGATGAGGACATGAGGACTTTGTGGAGGTCCCTGAGAAG
GAGGGGTATGAGCCACACATCCCCGACCACTTGGCGCCTGAGTATGGGCTGGAGGCAGCACCAGAGAAA
GACACAGTTGTGCGGTGCTTGGCGACGAGGACGAGGATGGACGAGGAGGTGTCGGACCCACCTCTGCG
GCTGCTCAGTGCAGCAGCTCCGGGACCACTTGCTCCACCCTCATCTGCCAGCCCTCCAGAGCCTTG
CCAGAGCCACAGGAGGCCAGAAGCTGGCAGCAGAGCGGGCCCGGGCGCCTGTGGTGCCCTACGGCGTG
GACCTGCACTACTGGGGCAGGAGCTCCCCACAGCGGGAAGATTGTCAAGTCTGACTCCCAGCACCGC
TTCTGGAAGCCAGCGAGGTGGAGGAGGAAGTGGTCAATGCCGACATCTCCGAGATGCTCCGGAGCCGC
CACATCACTTTTCCGGGAAGTTTGAGCCTGTGCAGCACTGGTGCCGTGCCCGAGGCCAGACGGCCGG
CTCTGTGAGCGCCAAGACCGGCTGAAGTGCCCTTTCATGGGAAGATTGTTCCACGGGACGACGAAGGA
CGGCCGCTCGACCCGGAAGACAGGGCTCGTGAGCAGCGGCGCAGCTGCAGAAGCAGGAGCGCCCGAA
TGGCAGGACCCTGAGTTGATGAGAGACGTGGAAGCAGCCACAGGGCAGGATCTCGGCTCATCCAGGTAC
AGCGGGAAGGCAGGGGGAAGAAGAGGAGGTACCCAGCCTACCAACCTGAAGGCTCAGGCTGATACC
GCCCGCCTCGCATTGGGAGAAAAGTCTTCGCCAAGGCAGCTGTGCGGAGGGTAGTGGCAGCCATGAAC
CGGATGGACCAGAAGAAGCACGAGAAGTTTTCAAACCAGTTTAACTACGCACTGAACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_020894

Insert Size: 2130 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_020894.3](#)

RefSeq Size: 4674 bp

RefSeq ORF: 2130 bp

Locus ID: 57654

UniProt ID: [Q2YD98](#)

Cytogenetics: 4p16.3

MW: 80.6 kDa

Gene Summary: The protein encoded by this gene appears to be involved in ubiquitination and dephosphorylation of RNA polymerase II subunits that stall after UV irradiation. The encoded protein interacts with several members of the nucleotide excision repair complex, and is thought to be involved in the transcription-coupled nucleotide excision repair (TC-NER) pathway to help remove lesions in the DNA that block transcription. Defects in this gene can cause UV-sensitive syndrome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.