

Product datasheet for **SC122512**

KIAA1530 (UVSSA) (BC021930) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1530 (UVSSA) (BC021930) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1530
Synonyms:	KIAA1530; UVSS3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC021930 edited
 GTGGCCTTTCCAAGCGGCTGCCACCTCAGGCTTGGGTGCTGGGAGGGCTCCAGGCTGCC
 TACATCTCACCACCGGAGCCTGAGCTGCCGGGGCTATGGGCACAGGGTGCCGGGCAGTCT
 GGGCTCTCGTGCTGCCAGCTTCTTTCCAGCCTGGCGAATCCATCTGCTCAGGCTGGCA
 CTTCTGCAAAGCCCGGCAGCACAGTGTGTGAACAGCGTGGCCACAAGGCGGGACTGCCGG
 ACCCCCCGACGCACGCCATGTTCTGGCAGAGCTGGCCTGAGCTGCTGCTCCGGGCTCA
 CCCTCGCCCGTGAGGAGCAGATAGCAGGCACCCACCTCGGGACTGTTGGAAGATGGCACA
 CGCTAACGCATAGGGCTGGAGGCAGCACCAAGAGAAAGACACAGTTGTGCGGTGCTTGCGG
 ACGAGGACGAGGATGGACGAGGAGGTGTCGGACCCACCTCTGCGGTGCTCAGCTGCGG
 CAGCTCCGGGACCACTTGCCTCCACCCTCATCTGCCAGCCCTCCAGAGCGTTGCCAGAG
 CCACAGGAGGCCAGAAGCTGGCAGCAGAGCGGGCCCGGGCGCCTGTGGTGCCCTACGGC
 GTGGACCTGCACTACTGGGGCCAGGAGCTCCCCACAGCCGGGAAGATTGTCAAGTCTGAC
 TCCAGCACCGCTTCTGGAAGCCCAGCGAGGTGGAGGAGGAAGTGGTCAATGCCGACATC
 TCCGAGATGCTCCGGAGCCGCCACATCACTTTTCCGGGAAGTTTGAAGCTGTGCAGCAC
 TGGTGCCGTGCCCGAGGCCAGACGGCCGGCTCTGTGAGCGCCAAGACCGGCTGAAGTGC
 CCTTTCCATGGGAAGATTGTTCCACGGGACGACGAAGGACGGCCGCTCGACCCGGAAGAC
 AGGGCTCGTGAGCAGCGCGGCAGCTGCAGAAGCAGGAGCGCCCGAATGGCAGGACCCT
 GAGTTGATGAGAGACGTGGAAGCAGCCACAGGGCAGGATCTCGGCTCATCCAGGTACAGC
 GGGAAAGCAGGGGGAAGAAGAGGAGGTACCCAGCCTACCAACCTGAAGGCTCAGGCT
 GATACCGCCCGCCTCGCATTGGGAGAAAAGTCTTCGCCAAGGCAGCTGTGCGGAGGGTA
 GTGGCAGCCATGAACCGGATGGACCAGAAGAAGCAGGAGAAGTTTCAAACCAAGTTTAAAC
 TACGCACTGAAGTAGAGAGCGGGGCCAGTGCAGTGGCCATCAGCACTTTCTCCCTCTGC
 CAGTGTCTCAGGACAGCAGAGTGGGCTGGGCTGGGCAGTAACCATGCTTTGTCTATTA
 CTGTGTTTGTATGTAAGAATGGTGTGTTGCAATGCCCTGAAGGTACGGCCGCTCTGCTG
 CTACAGGGTTCGGCATCGTCTGGTGATGGGTCTGGCCTCGCAGAAGAGGCCCTCGGGCT
 GGAGATGTGAACACAGGCAGCGACCCTGTTCCAGAGGGCTTCTGCGAGTCTCGTGAGAC
 CAGTGCTGTGCTGGTGTGGGGTTCAGCACGGACGGAATGTGTGTGCAGCTCAGCCTTCA
 GAGCGTGCATTCCCAGCCAGGAGGCGACCACTCAGAGGAACTCTGGGAAACCACTTTT
 GTGCAATGCTGTTTTTAACACAAACACAAAGGCTAGTGAACCGTTCAAAAAAAAAAAAA
 AAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC021930 unedited
 GACCTGGATTTGTATACGACTTATATAGGCGGCACGCGAATTCGCACGAGGTGGCCTTTC
 CAAGCGGCTGCCACCTCAGGCTTGGGTGCTGGGAGGGCTCCAGGCTGCCTACATCTCAC
 CACCGGAGCCTGAGCTGCCGGGGCTATGGGCACAGGGTGCCGGGCAGTCTGGGCTCTCGC
 TGCTGCCAGCTTCTTTCCAGCCTGGCGAATCCATCTGCTCAGGCTGGCACTTCTGCAAA
 GCCCGGCAGCACAGTGTGTGAACAGCGTGGCCACAAGGCGGGACTGCCGGACCCCGGAC
 GCACGCCATGTTCTGGCAGAGCGTGGCCTGAGCTGCTGCTCCGGGCTCACCTCGCCCG
 TGAGGAGCAGATAGCAGGCACCCACCTCGGGACTGTTGGAAGATGGCACACGCTAACGCA
 TAGGGCTGGAGGCAGCACCAGAGAAAGACACAGTTGTGCGGTGCTTGGGACGAGGACGA
 GGATGGACGAGGAGGTGTCGGACCCACCTCTGCGGTGCTCAGCTGCGGCAGCTCCGGG
 ACCACTTGCTCCACCCTCATCTGCCAGCCCTCCAGAGCGTTGCCAGAGCCACAGGATG
 CCCAGAAGCTGGCAGCAGAGCGGGCCCGGGCGCCTGTGGTGCCCTACGGCGTGGACCTGC
 ACTACTGGNGCCAGGGAGCTCCCACAGCCGGNAAAGATTGTGAGTCTGACTCCCAGCACC
 GCTTCTGGAAGCCATCGAGGTGGANGAGGAAGTGGTCAATGCCGACATCTCCGAGATGC
 TCCGGAGCCGCCACATCACTTTTCCGGGAAGTTTGAAGCTGTGCAGCACTGGTGCCGTG
 CCCCGAGGCCAGACGGCCGGCTCTGTGAGCGCNCAGACGGGCTGAGTGCCCTTTC

Restriction Sites: Please inquire
ACCN: BC021930
Insert Size: 1685 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:	<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:	BC021930.1 , AAH21930.1
RefSeq Size:	1685 bp
Locus ID:	57654
Cytogenetics:	4p16.3
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]