

Product datasheet for **SC322609**

KIAA1586 (NM_020931) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1586 (NM_020931) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1586
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for SC322609
 GCTGCCCTCTTTTGAAGCGTTTTCTGCTCTTTCCGCCAGTGGCCTCCCAGCTCACGCA
 GGGGCGGGTCCCGGTAGCGCGAGGCGGTGCAGGGCGGGAAGGGGAGTGGTGGCGGCTGCG
 GCAGTAGGGACAGCAGGAGCAGTGGTGTGTGACGCGGGCCGTCGGAGACATGGGAGACC
 CGGGGTCGGAAATAATAGAATCTGTCCCTCCAGCTGGCCCTGAGGCATCTGAGTCAACAA
 CGGATGAAATGAAGACGACATTCAGTTTGTGAGTGAAGGACCATCGAGACCTGTTCTTG
 AATACATCGATCTGGTCTGTGGTGATGATGAAAACCTAGCGCCTATTATAGTGATATTC
 TGTTCCTAAAAATGCCAAAACGACAGGGTGATTTTTTGCATTTTTAAATGTGAAGAAGG
 TGA AACAGACACAGAAAATAATGAAGTGAGCAAAAATCACTGCAGATTGTCTAAGGCAA
 AGGAACACATTTTCAGTATATTGAACAACCAATCATTGAAGAAAAGCCATCACTTTTCAT
 CAAAGAAAGAAATAGATAATCTTGCTTCCAGATTGTTGGAATGAAAAACAAGCATTTA
 TGTTTACAGACAATAACAAATGGCTTGAAATAAAGAAGGTAAATTAGGATGTAAGGATT
 GTTCAGCAGTTCCGCATTTGGGATCGAAAGCAGAAAAGCATGTCCATGTGTCCAAGGAAT
 GGATTGCATATTTAGTAACCCCTAATGGCAGTAATAAACTACTAGGCAAGCTTCTCTAC
 GAAAAAAATAGGGAACATGATGTTTCTAAAGCCCATGGTAAATTCAGGATTTGTTAA
 AGGAATCAACTAATGATTCAATTTGTAATTTAGTGCATAAACAAAATAATAAAAAATTG
 ATGCTACTGTAAAAGTTTTCAACTGTTTACAGTTTAGTAAAACATAACAGACCTTTAT
 CTGATATTGAGGGGGCAAGAGAATTACAGGAAAAAATGGAGAGGTAAATTGTTTAAATA
 CACGTTACAGTGCAACAAGAATAGCAGAACATATTGCAAAAGAAATGAAGATGAAGATAT
 TTAAGAATATTATAGAAGAGAATGCCAAAATCTGTATCATAATTGATGAGGCATCTACAG
 TTTCAAAGAAAACCCCTAGTGATTTATCTCCAGTGACAATTCAGTCAGCTCCTGCAC
 CTGTTATGTTATTTGTGGCTTTAAAAGAATTGGTGTCACTATAGCAGAGTGATTGTCA
 ATACATTATTGACTACTTTAAATGATTGTGGTTTTACAAATGAATATTTGAAAGCAAAAT
 TAATTGCATTTTGTTCTGATGGTGCTAATAACATCCTGGGAAGAAAGTCTGGAGTAGCTA
 CAAAATTGTTAGAAAATTTCTGAAATCATCATTTGGAAGTGTAAATCATCGATTAC
 AATTGTCACTTGATGATTCTATATCCGAAATAAAACAAATTAATCATTTAAAAATATTTA
 TTGATAAAATTTATTCTATTTATCATCAACCTAATAAAATCAAACCAAGCTTCTAGGAA
 CTGTAGCTAAAGAACTTGAACTGAAATTATTAATTTGGTGCAGTAATGGGACCAAGAT
 GGGCGGCATGTAGTTTACAAGCTGCTACTGCTGTATGGCATGCATATCCTATATTATATA
 TGCATTTTTCTCATTCTTACTCTGGTTTGGCGAAGAGATTAGCTAACATTAATTTCTTAC
 AAGACCTTGCTTTAATGATTGACATTCTGAAGAATTTTCAGTACTTTCAACTGCATTAC
 AGTCAAGATCAACTAATATTAAGAAAGCACAAAATTTGATCAACGTACCATAAGAGCTT
 TGGAAAATTTAAAAATTTGGTACTGGAAAGTATGAATCTCAAATTGAAGATTTGATCAAGT
 CAGATAAGTTTAAAGATATTCCATTTAATAAAAAACAATAAATTTAATGCTCTTCTAGGA
 GTATATTACTAGACAATAAATTCAGCACATGAACCTACGCCCTTTATCTGACAGAAACC
 ATGAAGATATTTTAAATTTGATTTGCTGGAACCTTCCACATGGCCTTATGAAGAAA
 TAACCTTACCATTGGATAGCTGGTGAAAAACATTATTTTCAATTTGTGTAATTTTAAAAAT
 ATGAAGTTGATTTGAATGATTTTCGGGAATTTGTAATAATAATAATAAAATCAAACAATG
 TTTCAATTCTCACTATATACAAAGCTAAAAAGATAGTTAGCACCATTGCAATCAATA
 GTGCTGAAGCTGAAAGGGTTTTCAATTTAATGAACATAATTTGTACAAGGGTGAGAAATA
 GTTTAACAATAGATCATGTATCAGATTTAATGACAATAAATTTACTGGGGAAAGAATTAG
 CAGATTGGGATGCAACACCGTTTGTAATCTTGGTCAAATTGCAACCACAGGTTGGCTA
 CAGATACAAGAGTTTCGGCAAAAGTCAACAAAAGCTTCCATGAGAATCAATTGGCTATAT
 GGAACCTAAAATAGAATATTGTATACGTTTTTTGTGATCTGTAATTTATGACTACACAT
 CCTTTATACATAAAGGCTTTTTTTTTTTGGAAAGCCAGTTAACTTTTATCAGCATGT
 TGCTGTTTAAAAGGCGTTCTTTAAGAAGATAATCTTGAAGATTGGTTTTAGAAGCTATAG
 TTTTTTAGAGATTGGCCCATGTTTGCTAGAGTGGGTGATAATACATATTCCATGAAGTTC
 TGTACAGAAACAAACACCGTTTATAATTTGTACTGTTTTACTTTAAGTAAGGATGCAAAA
 AATAGCAGGACTCAGCTAAGTTCTAAGCCCTGGAGTTATATTA AAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_020931

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:	<u>NM_020931.1</u> , <u>NP_065982.1</u>
RefSeq Size:	2878 bp
RefSeq ORF:	2364 bp
Locus ID:	57691
UniProt ID:	<u>Q9HCI6</u>
Cytogenetics:	6p12.1
Gene Summary:	E3 SUMO-protein ligase; facilitates UBE2I/UBC9-mediated SUMO2 modification of target proteins (PubMed:26524493).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).