

Product datasheet for **SC113933**

KIAA1333 (G2E3) (NM_017769) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1333 (G2E3) (NM_017769) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1333
Synonyms:	KIAA1333; PHF7B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113933 sequence for NM_017769 edited (data generated by NextGen Sequencing)

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ATGAATGAAAGTAAACCTGGTACTCACAGAACCTTGCTTGTGTTTTCTGTGCGAAAACAT
GATGACTGTCCTAATAAATACGGAGAAAAGAAACTAAGGAGAAATGGAATCTCACTGTA
CATTACTACTGTTTGTGATGTCAAGTGGAAATTTGGCAGAGAGGCAAAGAAGAAGAAGGA
GTTTATGGTTTTCTAATAGAAGATATCAGGAAGGAAGTGAATAGAGCTTCTAACTGAAA
TGCTGTGTTTGAAGAAAATGGTGCTTCAATTGGATGTGTTGCACCCCGATGTAACCGA
AGTTATCATTTCCTATGTGGACTTCAGAGAGAATGTATTTTCCAGTTTACTGGCAATTTT
GCGTCATTTTGTGGACCATCGACCTGTTCAAATAATTACATCTAATAATTATAGAGAG
TCCTTACCATGCACCATTGCTTGAATTTATTGAGCCTATTCCAAGTTATAACATATTA
CGAAGTCTTGTGTAAGAACGCTTGGTTTCATAGAGACTGTTTACAGGTTCAAGCAATA
AATGCGGGAGTGTTTTTCTTTAGGTGTACAATATGCAATAATAGTGACATCTTTCAGAAA
GAGATGTTGAGAATGGGAATTCATATTCCTGAAAAGATGCTTCTGGGAATTAGAGGAA
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CATGTATTACCCAATTCTAATAATGTGGGGATTACAGATTGTTTGTGGAAGAGTCATCA
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CAGGGTCTGAAAACCTTGGTGTGTTTGGAGAAAATTCAGGCTTATCCAGAAGCATTTTGT
AGCATCCTGTGTCATAAACCTGAGAGTCTTTCTGCAAAAATCCTTAGTGAGCTTTTACA
GTACACACATTACCTGATGTGAAAGCTTTGGGGTTTTGGAACAGTTACTTACAGGCTGTT
GAAGATGGTAAATCTACAACAACAATGGAAGACATTTCTATTTTTGCAACTGGTTGCAGT
TCCATTCTCCAGCTGGATTTAAACCCACTCCTTCAATTGAGTGTCTGCATGTGGATTTT
CCTGTTGGAAACAAGTGAATAACTGTTTAGCAATTCCCATCACCAATACATATAAAGAG
TTTCAAGAAAATATGACTTCCACATAAGAAACACTCTAAGACTAGAAAAGGAAGAAAGT
TCTCATTACATTGGACATTAA
    
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Clone variation with respect to NM_017769.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017769 unedited
 TTCACATTTTGTAAACGACTCACTATAGGGCGGCCCGCAATTCGCACGAGGGTTGAAT
 GTGGCTGCTCGCGGTCCGGCTGCCCGACGTACAGCGGGCCGGGAAAAGTGGCACTGAGGC
 TCTGGAACCTCTGCCAGCTCTCCTTGTAAAATGAATGAAAGTAAACCTGGTGACTCACA
 GAACCTTGCTTGTGTTTTCTGTGCAAAAACATGATGACTGTCCTAATAAATACGGAGAAAA
 GAAAACTAAGGAGAAAATGGAATCTCACTGTACATTACTACTGTTTGTGTGATGCAAGTGG
 AATTTGGCAGAGAGGCAAAGAAGAAGAAGGAGTTTATGGTTTTCTAATAGAAGATATCAG
 GAAGGAAGTGAATAGAGCTTCTAAACTGAAATGCTGTGTTTGCAAGAAAAATGGTGCTTC
 AATTGGATGTGTTGCACCCCGATGTAACGAAAGTTATCATTTCATGTGGACTTCAGAG
 AGAATGTATTTCCAGTTTACTGGCAATTTTGCCTCATTGTTGGGACCATCGACCTGT
 TCAAATAATTACATCTAATAATTATAGAGAGTCCTTACCATGCACCATTGCTTGGAAAT
 TATTGAGCCTATTCCAAGTTATAACATATTACGAAGTCCTTGTGTAAGAACGCTTGGTT
 TCATAGAGACTGTTTACAGGTTCAAGCAATAAATGCGGGGAGTGTTCCTTTAAGTGA
 CAATATGCAATAATAGTACATCTTTCAGAAAAGAGATGTTGAGAATGGGATTCATATTC
 TGNAAAAGATGCTTTCCTGGAATTAGAGGAAAACGCTTATCAAGAGCTTCTGCAGCACTA
 TGAGCGTTGTGATGTTCCGAGATGTCGTTGCAAAGAAAGCCGAGACTATTATGCACCTGA
 TAGCANATGGGAATAAAGCGCTGTCAGTGTGGGNTTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017769 unedited
 ACCGCGGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTGTGAGTAAAACAGTTT
 TTTACTTTTATTAACCATGCTACCATAACCTAAATAAAATCCATACAACCATTTTGGAGTA
 TTTATATTGAGGTTTATGAAGTATCTATATCAAGAAAATGAGAAATTATACCAATTTTG
 ACTAGTATGCTTTAACAAAAAAACCTTTTTTTAGCCTAAGTGGCTATAATATTCCTTTA
 TATTCATATCATAAATTTTATTAGGTCAAGAAGCTAACTAGTTTGTTCAAAGTGATGATG
 AAAAGGTTAGTGAAATAAAGAGAGTTATCAATAGCAGCTTTTAAAGAAGCTTCTCTTTG
 TTCAAGGAAACATTTTAAATGTCCAATGTAATGAGAAGTTTCTTCTTTCTAGTCTTAA
 GTGTTTCTTATGGTGAAGTCCATATTTTCTTGAAGTCTTTATATGATTTGGTGTGAGGA
 ATTGCTAACAGTTATTACACTTGTTCACACAGGAAAATCCACATGCAGACACTCAATT
 GAAGGAGTGGGTTTAAATCCAGCTGGAGGAATGGAAGTCAACAGCTGTAAGTAACTGTCCAA
 ATGTCCTCCATTGTTGTTGTAGATTTACCATCTTCAACAGCCTGTAAGTAACTGTCCAA
 AACCCCAAAGCTTTCACATCAAGTAATGTGTACTGTAAGAAAGCTCACTAAAGATTTTTT
 GCAGAAAGACTCTCAGGTTTATGACACAGGATGCTACAAAATGCTTCTGGATAAGCCTGA
 ATTNTCTCCAAAACACCAAGGTTTTTCCAGACCCTGCTTAAAACCTCAAAGGGTGGGTGGAC
 TCTCTGAATACATGGTAGCCAAGTATGTCTTTACTACATATATTTATCACTTAATGGTC
 GTTATAGTCTGAGACATCAATTAACCTCAGTAGTTTAGCATC

Restriction Sites:

NotI-NotI

ACCN:

NM_017769

Insert Size:

2560 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:	NM_017769.2 , NP_060239.2
RefSeq Size:	5534 bp
RefSeq ORF:	2121 bp
Locus ID:	55632
UniProt ID:	Q7L622
Cytogenetics:	14q12
Domains:	HECT
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Essential in early embryonic development to prevent apoptotic death.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>