

Product datasheet for **SC316805**

KIAA1486 (NYAP2) (NM_020864) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KIAA1486
Synonyms:	KIAA1486
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC316805 representing NM_020864.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATATCCTCCAAGATGATGAGTTCTAATCCTGAGGAAGACCCCTTTGGACACATTTCTCCAGTACATT
GAGGATATGGGGATGAAGGCTATGATGGCTTGGTTATTGAGAATGCGTCAGATATTGCTCGAGAGAAT
GATCGCTTGAGAAATGAACTAACCTAGCCTATTTGAAAGAGAAGAATGAAAAACGCCGAAGACAAGAA
GAAGCAATAAAGCGCATAGGTGGAGAAGTAGGGCGAGGCCACGAAGGAAGTTACGTGGGCAACATTTTC
CGCATGGGATTATGACAATGCCTGCTCCTCAGGACAGACTTCCCCATCCTTGCTCCAGTGGCTTTTCT
GTGAGATCACAGTCCCTGCACTCGGTTGGGGGCACAGACGATGACAGCAGCTGTGGCTCACGGAGACAA
CCACCACCCAAACCAAGAGGGACCCAGCACCAGCTGAGCACCTCATCAGAGACAGTCAGCAGCACT
GCAGCCAGTAAGAGCGGGAACCCCTGAGAGGACTGAAGCGTCAGCTAAACCAAGACCCACAGCGAT
GAATATTCCAAGAAGATTCCTCCTCCAAACCGAAGCGAAATCCGAACACTCAGCTGAGCACATCTTTC
GATGAAACGTACATCAAAAAGCATGGGCCCGGAGGACGTGCTGCCGCGGGACTCCTCTTGCTCCAG
ATGGGCGAGCCCGGGGAGACCCGAGGAAGAGGAGCCGTGTACATCGAGATGGTGGGGAACATTCTC
AGAGACTTCAGGAAGGAGGACGATGACCAGAGCGAGGCCGTCTACGAGGAATGAAGTACCCTATCTTT
GACGACTTGGGCCAAGACGCCAAATGTGACTTCGACCATCACAGCTGTTCTTCGAGTGTGCTACTCCC
ACGGTGCCTGACTTGGACTTCGCCAAGGCTCAGTGCCATGCCCCCAAGGGGCTGCTTTGCGACATC
CCTCCGCCCTTCCCAACCTGCTTTCTCAGACACCCCGCTGCTGGTATTTCCCGCCGCCCGTGCAT
TGCTCCCCCACTCCGACGAGTCCCGCTTACCCTCTGGAGGTACGAAGTTCCCGTGTGGAAC
GTGTCTTACATGAAACAGCCAGCCGGGGCGTGCCTCCACGCTGCCGTCCACGTCCCGGCCATGCG
AAACTGGAGAAAGAGCAGGCCGCGGCCCTGGGACCTGCCTTGCCACCCCTGCGCTCTCCTCGTCCCC
CCACCCCGCTCTACGCTGTACCGAACCAGTCTCCCATGGCTACCCTAAAAGTCACTCCACCTCTCCC
TCCCCCGTCAGCATGGGAGGTCCCTGACTCCCCTGAGCCTCAAAAGGCCTCCCCCTTACGACGCTGTG
CATTCGGGCAGCCTCTCAAGGAGCTCTCCTTCACTGCTCCTGACCCCCAGACCCGTGTGCGAAGAT
GGGGCAAGATGGTCAACGCCGCGGTGAACACCTACGGGCGAGCCCGGGTGGTCCCGGTCCCGGACA
CCCACGAGCCCGCTGGAGGAGCTGACAGCCTTCTCCTCCGCGCGCAGCCTGCTGCGCAAGTCTGCC
AGTGGCCGCGCTCCAAGAGCCTGCAGAGAAATCAACAGAGGAAGTGAAGTCCGAAGCCACAGCAG
GAGCCATTACCAAGTTGGACAACAAGGAAGAGGCCACCATGGGGCGTCTTCTCCAGAGAGCCTGTC
AAAGCTCAGGAATGGGATGGAACACCAGGACACCTGTGGTACCAGTCGACTAGGAAGATGCTCTGTG
AGCCCCACCTTGTTAGCGGGAACACAGTTCAGAGCCTAAAGTAAGCTGCAAAATTAGGCCGGTCTGCG
TCGACGTCAAGTGTGCTCCTCCATCAGTCACTCCCCTCAGGCAAGCAGTGACCTGCAACAGAGCCAG
GTACCATCATCGTTAGCCAATCGTGATTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_020864

Insert Size:

1962 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_020864.1
RefSeq Size:	4590 bp
RefSeq ORF:	1962 bp
Locus ID:	57624
UniProt ID:	Q9P242
Cytogenetics:	2q36.3
MW:	70.5 kDa
Gene Summary:	Activates PI3K and concomitantly recruits the WAVE1 complex to the close vicinity of PI3K and regulates neuronal morphogenesis.[UniProtKB/Swiss-Prot Function]