

Product datasheet for **SC320364**

KIAA1191 (NM_001079685) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KIAA1191
Synonyms:	p33MONOX; p60MONOX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_001079685.1
 GGTACTGCTACCTAGTGGGTCTTGGGGACCTTCGAAATCGCCGCCGCTCTCACAATGGCT
 TGGGTCCAGACTGCGCCACAGCCTCTCGGGAGACGTGGGCCCTCGGAACCTTTTAGTGC
 CGGACTCCGGGCCGAGGCAGTCCCGCGGCAGCAGGATCACAGAACCTCTGGATGGACTC
 TTCCTGGGAAGCTTTGCTACTTTGCAGCAGCTGGACCATGTTCTCATTAACTCTGTCT
 GTCCGCTTAGTCATCACATCATTTCACTGTGGTGGCAGGGACTCAGCTCGGAATTCTGTA
 TAGAAAAAGCACCTGGATCCAGTCTTTCAATGGCTTCAAGACAACAGAGTGCCTGCT
 CTTGAGGCTAGTGCCTCTAGGCAAGATGTCCCTGCCCATCGGGATATACCGCCGGGCA
 GTCAGCTATGATGATACCTCGAGGACCCTGCGCCCATGACTCCTCCTCATCGGACATG
 GGCAGCGTCCCTTGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCACCTCGCAAGGTG
 GAGGAAGGAGAGGCCAGTCTACCTCCCTGCCATGACCTGTCTCAGCCATTGACAGT
 GTGGACAAGGTCCAGTGGTGAAGGCTAAAGCTACCCATGTATCATGAATTCTCTGATC
 ACAAAACAGACCCAGGAAGCATTACAGATTTTGAAGCAGGCGAGGGCTGAGAGATGCT
 GGCTACACACCCCAAGGGCCTCACCACCGAGGAGACCAAGTACCTTCGAGTGGCCGAA
 GCACCTCCACAACTAAAGTTACAGAGTGGAGAGGTAACAAAAGAAGAGAGGCAGCTGCA
 TCAGCCCAAGTCCACCCCAAGCACCCTCCGCACTCTTACCTAAGCAGAGGCCAGGGGC
 TGGTTCACTTCTGGTTCTTCCACAGCCTTACCTGGCCCAATCCTAGCACCATGGACTCT
 GGAAGTGGGGATAAGGACAGAACTTGTACAGATAAGTGGAGGCTCTTTGGACCGAGATCC
 CTTCAGAAGTACGATTCTGGAAGTTTGGCACCAGGCCTACCGAGGAGCCAGAAGCCC
 TCTCCATTGGAAGTATACGTGCCAGGCCAACCAGTGGCTGAAGATCCAGCAGCCTTG
 AAGCCCCCAAGATGGACATCCAGTGATGGAAGGAAAGAAACAGCCACCGGGCCCAT
 AACCTCAAACCCCGTGACCTGAATGTGCTCACACCCACTGGCTTCTAGAGCCCTCTTTCC
 AGGGATTCTGGTAAAGGTGGTTTCTTGCATCCCACTCCCTTTTACCTTGGCTTTGACAT
 AGGAAAAGGTATATTTAACTTAATCAGCTGGGCGTGGTGGCTCACGCCTGTAATCCCA
 GCATTTGGGAGGCCAAGGTAGGTGGATACCTGAGGTGAGGAGTTCAAGACCAGCCTGGC
 CAACATGGTGAAACCCCGTCTCTACTAAAAATACAAAATAGCTGGGCGTGGTGGTGGG
 CGCCTGTAGTCCCAGCTACTTTGGGAGGCTGAGGCAGGAGAATCGCCTGAACCCAGGAAGC
 AGATGTTGTACCGAGCTGAGATCATGCCATTACCTCCAGCCTGGGCGACAGAACGAGAC
 GCCATCAATAAATAAATAAAGTAAAGTAAAAACCTATTAAATTGAGGCTAGAGCT
 GGAGATGTAATTGGTTTTTGAAGAACATTAGTATAAAGCTTGCCTTGTGTGTGGAAGA
 AGCCATTTTGTACTGCTTTAAAGTTAGACTAATATTCTCAGCACGGGTGTATGGGACCT
 CATTACCTATTTTTTTCATCATTTACCCTAGGTAAAGACTTTGATCACTGCTTACTAGGT
 AAAGAATGTTTGTACTGTTCCAAACCCAGGCTTCTTTATTCTTTACCACTATCCATGT
 GAGCATTGACAAATCATGGCTTAGAGGTGCTCACTGACTCGCTAAGACGACTTTGGCCCT
 GTTGATGACTGGTGCTGTGCTCCAGCCTTATCAGTTAGGGGACCCAAAGGTTTGTGGGA
 CCTGGGTACAGGTAAGGCCAGACTTGGCAGGGACCCCTCTTTCTAGGCTGAACCTTGAG
 TCCCCCTGCTTTTGGCAGACCTAATGGATCACTGTCTTGCAGCTAGTTCTTCATGTGGG
 GCCTCTTAGGCCAGTGCCGGAGGAGGCATGCTCCTCTTCTATGCCACAGAACAACT
 ACTCTAGCAGAGCCTTTCTGCACTTTAAAGTGAGATTAATTTAGCTGTAATTTGGTTAA
 AAATCTCCTAAGAGAGAAAATTAAGTCTACTGATTGGTATAGGTAATGGACATTAAC
 TTTTTAAAGTAAAGGAGATGGTAGATACCGTTAGATTATAGTCTTGAGGTTTATGTGAA
 GCCAGTGGTGTTAACTTACTTTGATTTCTTGTTCAGGTGAGGCTGGAACGCTGTGC
 GGGGAGGTCACTCAATTCAAAATTTCTGTATGAAAGCATTTTTCACCAAAATGAGCCTC
 ATCCCTTTATGCAACACATAACCTTACTGAGGGAGGGAAATACGGAAGCCACCTTTTAT
 TTCTCTTCACTGTGTACAAGTCACTTGTGTCTTGAACACTGTCTCAAATACCTGCTTT
 TTGTTTTGGATAGTACCTTGTCTGTATAAGAAGCTGGCCTTTCCATAGAGAGGCCCTGGA
 GTCTAAATATGAGAACAAATTAATTTATTTGTGTCTTCTATTATGATCTCGTTTGGACA
 AAAAAATCCTTACTACTTTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites:

Please inquire

ACCN:

NM_001079685

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:	<u>NM_001079685.1</u> , <u>NP_001073153.1</u>
RefSeq Size:	2744 bp
RefSeq ORF:	918 bp
Locus ID:	57179
UniProt ID:	<u>Q96A73</u>
Cytogenetics:	5q35.2
Gene Summary:	Potential NADPH-dependent oxidoreductase. May be involved in the regulation of neuronal survival, differentiation and axonal outgrowth.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Both variants 1 and 3 encode the same isoform (a).