

Product datasheet for SC108045

KIAA1191 (NM_020444) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1191 (NM_020444) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1191
Synonyms:	p33MONOX; p60MONOX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020444, the custom clone sequence may differ by one or more nucleotides

ATGGCTTCAAGACAACCAGAAGTGCCTGCTCTTGAGGCTAGTGCGCCTCTAGGCAAGATGTCCCTGCCCA
 TCGGGATATACCGCCGGGCAGTCAGCTATGATGATACCTCGAGGACCCTGCGCCCATGACTCCTCCTCC
 ATCGGACATGGGCAGCGTCCCTTGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCACCTCGCCAAGGTG
 GAGGAAGGAGAGGCCAGTCTACCCTCCCCTGCCATGACCCTGTCATCAGCCATTGACAGTGTGGACAAGG
 TCCCAGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAATTCTCTGATCACAAAACAGACCCAGGAAAG
 CATTTCAGCATTTTGAGCGACAGGCAGGGCTGAGAGATGCTGGCTACACACCCACAAGGGCCTCACCACC
 GAGGAGACCAAGTACCTTCGAGTGGCCGAAGCACTCCACAACTAAAGTTACAGAGTGGAGAGGTAACAA
 AAGAAGAGAGGCAGCCTGCATCAGCCCAGTCCACCCCAAGCACCCTCCGCACTCTTCACCTAAGCAGAG
 GCCCAGGGGCTGGTTCACTTCTGGTTCTTCCACAGCCTTACCTGGCCCAAATCCTAGCACCATGGACTCT
 GGAAGTGGGGATAAGGACAGAACTTGTGAGATAAGTGGAGCCTCTTTGGACCGAGATCCCTTCAGAAGT
 ACGATTCTGGAAGTTTGGCACCCAGGCCTACCGAGGAGCCCAGAAGCCCTCTCCATTGGAAGTATACG
 TGCCCAGGCCAACCGAATGGCTGAAGATCCAGCAGCCTTGAAGCCCCCAAGATGGACATCCCAGTGATG
 GAAGGAAAGAAACAGCCACCACGGGCCATAACCTCAAACCCCGTACCTGAATGTGCTCACACCCACTG
 GCTTCTAG


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020444 unedited
 CGGTTCACGATTTTGAACACGACTCACTATAGGGCGGACGCCGAATCGGCACGAGGGGA
 CCTTCGAAATCGCCGCCGCTCTCACAATGGCTTGGGTCCAGACTGCGCCACAGCCTCTCG
 GGAGACGTGGGCCCTCGGAACCTTTTGTGCGGACTCCGGGCCGAGGCAGTCCCGCG
 GCAGCAGGATCACAGAACCTCTGGATGGACTCTTCTGGGAAGCTTTGCTACTTTGCAGC
 AGCTGGACCATGTTCTCATTAACTCTGTCTGTCCGCTTAGTCATCACATCATTTCACT
 GTGGTGGAGGAAGGAGAGGCCAGTCTACCCTCCCCTGCCATGACCCTGTCATCAGCCATT
 GACAGTGTGGACAAGGTCCCAGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAATTCT
 CTGATCACAAAACAGACCCAGGAAGCATTGAGCATTCTTGTGCGACAGGCAGGGCTGAGA
 GATGCTGGCTACACACCCACAAGGGCCTCACCACCGAGGAGACCAAGTACCTTCGAGTG
 GCCGAAGCACTCCACAACTAAAGTTACAGAGTGGAGAGGTAACAAAAGAAGAGAGGCAG
 CCTGCATCAGCCAGTCCACCCCAAGCACCCTCCGCACTTTTACCTAAGCAGAGGGCC
 AGGGGCTGGTTCCTTCTGGTCTCCACAGCCTTACCTGGCCANATCTAGCACCATG
 GACTCTGNGAGCGGGGATAACGACAGAACTTGTGAGATAAGTGCAGCCTCTTTGACCG
 AGATCCCTTCATAAGTACGATTCTTGAAGTTCTGCCACCCAGGCCTACCGAGGAGCCCA
 GAGCCCTCTCATTGGAAGTGAACGTCGCCAGTCCAAACGATTGGCTGAAGATCCCA
 GCCCTGGAGCCCCCAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020444 unedited
 ATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGAAATAGTAAGGATTTTATTGTCAA
 ACGAGATCATAATAGAAGACACAAATAAATTAATTGTTCTCATAATTTTAGACTCCAGGG
 CCTCTCTATGAAAGGCCAGCTTCTTATACAGACAAGTACTATCCAAACAAAAAGCAG
 GTATTTGAGACAGTGTTCAAGACAACAAGTGAAGTGTACACAGTGAAGAGAAATAAAA
 GGTGGCTTCCGTATTTCCCTCCCTCAGTAAGGTTATGTGTTGCATAAAGGGATGAGGCTC
 ATTTTTGGTGAATAATGCTTTCATACAGAAATTTTGAATTGAGTGACCTCCCCGCACAG
 GCGTTCAGGCCCTGACCTGAACAAGGAAATCAAAGTAAGTTAACACCACTGGCTTCACA
 TGAACCTCAAGACTATAATCTAACGGTATCTACCATCTCCTTTACTTTAAAAAGTTTAA
 TGTCCATTTACCTATACCAATCAGTAGACTTAATTTTCTCTCTTANGAAGTTNTTAAAC
 AAATTACAGCTAAATTAATCTCACTTTAAAGTGAAGAAAGGCTCTGCTAGAGTAGTGTT
 TGTTCTGTGGCATAGAAAGAGGAGCATGCCTCCTNCGGCACTGGGCCTAGAGGCCCCACA
 TGAAGAACTAGCTGNACAGACAGTATCCATTAGGTCTGCCAAAGCAGGNGGACTCANG
 NTCAGCCTAGAAAGGGGTCCTGCCAGTCTGGCTTTACCTGTACAGGTCCCAACCAACC
 TTNGTCCCTACTGATAGGGCTGAGCCAGCACAGTATCACAGGCCAAGTCGTCTACGAG
 TAGTGAGCACTTAGCCTGATTGTCATGCTACATGAAGTGGTAAGGGATAGAGCCTGGNTT
 NGGACAGTCAACATCTTACTATAGCATGTCAAAGTCTACTAGGTAAGATGAAATAGTAT
 GAGTCCCTACACGGCTGGAATA

Restriction Sites:

NotI-NotI

ACCN:

NM_020444

Insert Size:

2500 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:	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_020444.2, NP_065177.2</u>
RefSeq Size:	2822 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 (1) represents the longest transcript and encodes the longest isoform (a). Both variants 1 and 3 encode the same isoform.