

Product datasheet for SC315515

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315515 representing NM_001079685. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTTCAAGACAACCAGAAGTGCCTGCTCTTGAGGCTAGTGCGCCTCTAGGCAAGATGTCCTCGCC
ATCGGGATATACCGCCGGGCAGTCAGCTATGATGATACCTCGAGGACCTGCGCCCATGACTCCTCCT
CCATCGGACATGGGCAGCGTCCCTTGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCACCTCGCCAAG
GTGGAGGAAGGAGAGGCCAGTCTACCCTCCCCTGCCATGACCCTGTCTATCAGCCATTGACAGTGTGGAC
AAGGTCCCAGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAATTCTCTGATCACAAAACAGACCCAG
GAAAGCATTGAGCATTGAGCGACAGGCAGGGCTGAGAGATGCTGGCTACACACCCCAAGGGCCTC
ACCACCGAGGAGACCAAGTACCTTCGAGTGGCCGAAGCACTCCACAACTAAAGTTACAGAGTGGAGAG
GTAACAAAAGAAGAGAGGCAGCCTGCATCAGCCAGTCCACCCCAAGCACTCCGCACTCTTCACCT
AAGCAGAGGCCAGGGGCTGGTTCACCTCTGGTCTTCCACAGCCTTACCTGGCCCAATCCTAGCACC
ATGGACTCTGGAAGTGGGGATAAGGACAGAACTTGTCAGATAAGTGGAGCCTCTTTGGACCGAGATCC
CTTCAGAAGTACGATTCTGGAAGTTTGCACCCAGGCCTACCGAGGAGCCAGAAGCCCTCTCCATTG
GAAGTATACGTGCCCAGGCCAACGAATGGCTGAAGTCCAGCAGCCTTGAAGCCCCCAAGATGGAC
ATCCCAGTGATGGAAGGAAAGAACAGCCACCGGGCCATAACCTCAAACCCCGTGACCTGAATGTG
CTCACACCCACTGGCTTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001079685
Insert Size:	918 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:	<u>NM_001079685.2</u>
RefSeq Size:	2738 bp
RefSeq ORF:	918 bp
Locus ID:	57179
UniProt ID:	<u>Q96A73</u>
Cytogenetics:	5q35.2
MW:	33.2 kDa
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).