

## Product datasheet for SC315509

### KIAA1191 (NM\_001079684) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1191 (NM_001079684) Human Untagged Clone
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:	>NCBI ORF sequence for NM_001079684, the custom clone sequence may differ by one or more nucleotides

```

ATGTCCCCTGCCATCGGGATATACCGCCGGCAGTCAGCTATGATGATACCTCGAGGAC
CCTGCGCCCATGACTCCTCCTCCATCGGACATGGGCAGCGTCCCTTGGAAGCCAGTGATT
CCAGAGCGCAAGTATCAGCACCTCGCCAAGGTGGAGGAAGGAGAGGCCAGTCTACCTCC
CCTGCCATGACCCTGTCATCAGCCATTGACAGTGTGGACAAGGTCCCAGTGGTGAAGGCT
AAAGCTACCCATGTCATCATGAATTCTCTGATCACAAAACAGACCCAGGAAAGCATTGAG
CATTTTGAGCGACAGGCAGGGCTGAGAGATGCTGGCTACACACCCCAAGGGCCTCACC
ACCGAGGAGACCAAGTACCTTCGAGTGGCCGAAGCACTCCACAACTAAAGTTACAGAGT
GGAGAGGTAACAAAAGAAGAGAGGCAGCCTGCATCAGCCCAGTCCACCCCAAGCACCCT
CCGCACTCTTCACCTAAGCAGAGGCCAGGGGCTGGTTCACTTCTGGTTCTTCACAGCC
TTACCTGGCCCAATCCTAGCACCATGGACTCTGGAAGTGGGGATAAGGACAGAACTTG
TCAGATAAGTGGAGCCTCTTTGGACCGAGATCCCTTCAGAAGTACGATTCTGGAAGTTT
GCCACCCAGGCCTACCGAGGAGCCAGAAAGCCCTCTCCATTGGAAGTACGATCGCCAG
GCCAACCGAATGGCTGAAGATCCAGCAGCCTTGAAGCCCCCAAGATGGACATCCAGTG
ATGGAAGGAAAGAAACAGCCACCACGGGCCATAACCTCAAACCCGTGACCTGAATGTG
CTCACACCCACTGGCTTC
  
```

Restriction Sites:	Please inquire
ACCN:	NM_001079684
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).


[View online »](#)

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001079684.1</a> , <a href="#">NP_001073152.1</a>
<b>RefSeq Size:</b>	2765 bp
<b>RefSeq ORF:</b>	861 bp
<b>Locus ID:</b>	57179
<b>UniProt ID:</b>	<a href="#">Q96A73</a>
<b>Cytogenetics:</b>	5q35.2
<b>Gene Summary:</b>	<p>Potential NADPH-dependent oxidoreductase. May be involved in the regulation of neuronal survival, differentiation and axonal outgrowth.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks part of the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a. Both variants 2 and 5 encode the same isoform.</p>