

Product datasheet for **SC335085**

KIAA1191 (NM_001287336) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1191 (NM_001287336) 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_001287336, the custom clone sequence may differ by one or more nucleotides

ATGTCCCTGCCCATCGGGATATACCGCCGGGCAGTCAGCTATGATGATACCCTCGAGGACCTGCGCCCA
 TGACTCCTCCTCCATCGGACATGGGCAGCGTCCCTTGAAGCCAGTGATTCCAGAGCGCAAGTATCAGCA
 CCTCGCCAAGGTGGAGGAAGGAGAGGCCAGTCTACCCTCCCCTGCCATGACCCTGTCATCAGCCATTGAC
 AGTGTGGACAAGGTCCCAGTGGTGAAGGCTAAAGCTACCCATGTCATCATGAATTCTCTGATCACAAAAC
 AGACCCAGGAAAGCATTACGATTTTGAAGCAGAGGCAGGGCTGAGAGATGCTGGCTACACACCCACAA
 GGGCCTCACCACCGAGGAGACCAAGTACCTTCGAGTGGCCGAAGCACTCCACAACTAAAGTTACAGAGT
 GGAGAGGTAACAAAAGAAGAGAGGCAGCCTGCATCAGCCAGTCCACCCCAAGCACCCTCCGCACTCTT
 CACCTAAGCAGAGGCCAGGGGCTGGTTCACTTCTGGTTCTTCCACAGCCTTACCTGGCCCAATCCTAG
 CACCATGGACTCTGGAAGTGGGGATAAGGACAGAACTTGTGAGATAAGTGGAGCCTCTTTGGACCGAGA
 TCCCTTCAGAAGTACGATTCTGGAAGTTTTGCCACCCAGGCCTACCGAGGAGCCAGAACCCCTCTCCAT
 TGGAACTGATACGTGCCAGGCCAACGAATGGCTGAAGATCCAGCAGCCTTGAAGCCCCCAAGATGGA
 CATCCCAGTGATGGAAGGAAAGAACAGCCACCACGGGCCATAACCTCAAACCCCGTGACCTGAATGTG
 CTCACACCCACTGGCTTC**TAG**

Restriction Sites:	SgfI-MluI
ACCN:	NM_001287336
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).


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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_001287336.1, NP_001274265.1</u>
RefSeq Size:	2651 bp
RefSeq ORF:	861 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 (5) 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.