

Product datasheet for **SC111392**

NIP30 (FAM192A) (NM_024946) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIP30 (FAM192A) (NM_024946) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIP30
Synonyms:	C16orf94; CDA018; CDA10; FAM192A; NIP30; PIP30
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111392 sequence for NM_024946 edited (data generated by NextGen Sequencing)

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ATGGATGGAGGGGATGATGGTAACCTTATTATCAAAAAGAGGTTTGTGTCTGAGGCAGAA
CTAGATGAACGGCGCAAAGGAGGCAAGAAGAATGGGAGAAAGTTGAAAACCTGAAGAT
CCAGAAGAATGTCCAGAGGAGGTTTATGACCCTCGATCTCTATATGAAAGGCTACAGGAA
CAGAAGGACAGGAAGCAGCAGGAGTACGAGGAACAGTTCAAATTCAAAAACATGGTAAGA
GGCTTAGATGAAGATGAGACCAACTTCCTTGATGAGGTTTCTCGACAGCAGGAACATAA
GAAAAGCAACGAAGAGAAGAAGAACTGAAAGAAGTGAAGGAATACAGAAATAACCTCAAG
AAGTTTGAATTTCTCAAGAGAACAAGAAGGAAGTGGAAAAGAACTGACTGTGAAGCCT
ATAGAAACCAAGAACAAGTTCTCCAGGCGAAGCTGTTGGCAGGAGCTGTGAAGCATAAG
AGCTCAGAGAGTGGCAACAGTGTGAAAAGACTGAAACCGACCCTGAGCCAGATGACAAG
AATCAAGAGCCCTCATCCTGCAAGTCTCTCGGAAACACCTCCCTGAGTGGCCCTCCATC
CACTGCCCTCTGCTGCGATATGTATCGGCATCCTCCAGGCCTGGGTGCCTACTCTGGG
AGCAGCGACTCCGAGTCCAGCTCAGACAGCGAAGGCACCATCAATGCCACCGAAAAGATT
GTCTCCTCATCTTCCGAACCAACACCTTCTCGAGGCCCTAG
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Clone variation with respect to NM_024946.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024946 unedited
 TTGTATACGACTCTATAGCGGCCGCGATTCCGGCACGAGGGGACTCTATTGTGGCGGT
 GAGGAACAGGAAGCCCTGAAGGGTCAAAAGAAATACAAAAGCAAAGGCTATTTTCTTTT
 TTTTTTCTTTCTTTCATTCCTTCCCTCTGTTTCTTTCTTTCTTTCATTTTTTT
 TTCTTTTTAAGAGCGAGCGGCTCTGCGGTGGCGGTTTGGGTGGGCGCCGCCGAGGTGA
 GGTGCTCTCGCCTCCCGCGCCGGTAGAATCTTGCCCTGTCGCTCAAGCTGGGGTGCAG
 CGGTGTGATCTTGGCTCACTGCAACCTCCGCCTCCAGGTTCAAGCGATTCTCCTGCCTC
 AGCCTCCTGAGTGGCTGGGATTGCAGATTGGTTGTTTCATTATGGATGGAGGGGATGATG
 GTAACCTTATTATCAAAAAGAGGTTTGTGTCTGAGGCANAAGTAGATGAACGCGCAAAA
 GGAGGCAAGAAGAATGGGAGAAAGTTTCAAAAACCTGAAGATCCAGAAGAATGTCCAGAGG
 AGGTTTATGACCCTCGATCTCTTATGAAAGGCTACAGGAACAGAAGGACAGGAAGCAGCA
 GGAGTACGAGGAACAGTTCANATCAAAAACATGGGTAGAGGCTTANATGAAGATGAGAC
 CAACTTCTTGATAGAGGTTTCTCGACAGCAGAACTAATAGGAAAGCCACGAAGAGAAG
 AAGAACTGAAAGAACCTGANGGATACAGNAATACCTCAAGAAGGTTTGGATTTCTCAAGA
 GACCAGAAGGGAGTGGNAAAGAACTGACTGTGGAAGCTATTAGAACCANGAACCNAGTCT
 CCCAGCNNAANCTGTTGGGCAGGAGCTGTGAACCATAGAGCTCANAGAGTGGCAACAGGG
 GGAAAGACTGAAACCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024946 unedited
 ACGCAATCTAGTGTGAGTT
 TTTTTTTTTTTTTTTTTTTGGCCCTGACAAGGTTATTAACCTTTCATGGTAAAGGAAGGTT
 TAAAAACCTGGAACCTTTGGGAACTTTTTTTCACATTAAGGCTGAAATACAGTAA
 TGGCCCTTAAAAATCCTGCCCATAAAAATGAAGACTTTGATGGCTGGCTGCCTCCT
 GTAACAATGGGAGGGTGTGTTGGGTACATGCTGTATAACAACAGGACTTTTACAGGAAC
 AATGAAGCCAAAAACCGAAAGGGCCTACAAAGTTTTACCTAAATGTCTTGTGTTGGCAAG
 ATGGAAGTGTGCCCCCTACTGGCAAAACAATTAACACAAAAATAGTTCTGAAAAGGAGG
 AAAAAATCACAAAGCCTTAATTTTGGGGCAAGGAAATCCCCCTCTGCCAATGGGACCA
 AAATGTCACTGTACTGGAAAGGGAAAAAGAAATGGGCTGGATGAAATCCAAGGGCCCTCT
 GCCCATGTTCAAAATCAATAACTGGTCTGCCTGCCGGCATTACAGGGTGAACACATTTTG
 GGGGGGCTCACTCAGGCCACACCCAAGAAAGTAAAAACAATTGGTGTTCGGATAAAGG
 GGATGGGTAAGAATGGTTCATGCTTATTCTAAGCAAGAGAGCCTCAGATTGTTGGAAG
 CTCATGTTTTTTCTGTCTTGGAGGCTTCAACCAATTTCTTTTTCTTCTTTCAGAAATCCA
 AAGAATGAACCCCGTCCCTTATGAGAACAAGGGGAGCAATACCTCTATTTTTNCTGC
 TCATGGCCAAAAATGCCTGGTTGGAAAGAAAAAGACCCCNAGCCCAAAAAAAGTCTAG
 GCCGCCCTCAGTAAAAAATCCCAAGTAAAACCCACGTTATTTGCTTAACAAAAGGGC
 TCCATTAAGGCCAATTGCAGTGTCCCT

Restriction Sites:

ECoRI-NOT

ACCN:

NM_024946

Insert Size:

2840 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:	<ol style="list-style-type: none">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:	NM_024946.1 , NP_079222.1
RefSeq Size:	2020 bp
RefSeq ORF:	765 bp
Locus ID:	80011
UniProt ID:	Q9GZU8
Cytogenetics:	16q13
Gene Summary:	Promotes the association of the proteasome activator complex subunit PSME3 with the 20S proteasome and regulates its activity. Inhibits PSME3-mediated degradation of some proteasome substrates, probably by affecting their diffusion rate into the catalytic chamber of the proteasome. Also inhibits the interaction of PSME3 with COIL, inhibits accumulation of PSME3 in Cajal bodies and positively regulates the number of Cajal bodies in the nucleus. [UniProtKB/Swiss-Prot Function]