

Product datasheet for **SC323743**

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: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024946.1
 CGGTGAGGAACAGGAAGCCCTGAAGGGTCAAAGAAATACAAAAGCAAAGGCTATTTTCT
 TTTTTTTTTTCTTTCTTTTCATTCTTCTTCTCTGTTTCTTTCTTTCTTCTTTTCAATT
 TTTTTTCTTTTTAAGAGCGAGCGGCTCTGCGGTGGCGGTTTGGGTGGGCGCCGCGAG
 GTGAGGTCGTCTCGCCTCCCGCGCGCGGTAGATTGGTTGTTTCATTATGGATGGAGGGG
 ATGATGGTAACCTTATTATCAAAGAGGTTTGTGTCTGAGGCAGAACTAGATGAACGGC
 GCAAAGGAGGCAAGAAGAATGGGAGAAAGTTCGAAAACCTGAAGATCCAGAAGAATGTC
 CAGAGGAGGTTTATGACCCTCGATCTCTATATGAAAGGCTACAGGAACAGAAGGACAGGA
 AGCAGCAGGAGTACGAGGAACAGTTCAAATTCAAAACATGGTAAGAGGCTTAGATGAAG
 ATGAGACCAACTTCCTTGATGAGGTTTCTCGACAGCAGGAACTAATAGAAAAGCAACGAA
 GAGAAGAAGAAGTAAAGAACTGAAGGAATACAGAAATAACCTCAAGAAGTTGGATTT
 CTCAAGAGAACAAGAAGGAAGTGGAAAAGAACTGACTGTGAAGCCTATAGAAAACCAAGA
 ACAAGTTCTCCAGGCGAAGCTGTTGGCAGGAGCTGTGAAGCATAAGAGCTCAGAGAGTG
 GCAACAGTGTGAAAAGACTGAAACCGGACCCTGAGCCAGATGACAAGAATCAAGAGCCCT
 CATCTGCAAGTCTCTCGGAAACACCTCCCTGAGTGGCCCTCCATCCACTGCCCTCTG
 CTGCAGTATGTATCGGCATCCTCCAGGCTGGTGCCTACTCTGGGAGCAGCGACTCCG
 AGTCCAGCTCAGACAGCGAAGGCACCATCAATGCCACCGGAAAGATTGTCTCCTCCATCT
 TCCGAACCAACACCTTCTCGAGGCCCTAGTTTCTCCGTCCCTACACAGGGAGCTCCT
 CCCAAGGGTAGATCGGACCGTTTCATGCTGCCTATAGGCATTATGTCCCTCAAAAAA
 CTCCTTTCCTGCATCCTGTGTACAACATGACATTTTTAACCAATCCAATCTAAAAATGT
 GCCAGAATCCAAAAA

Restriction Sites: ECoRI-NOT
ACCN: NM_024946



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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:	<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:	<u>NM_024946.1</u> , <u>NP_079222.1</u>
RefSeq Size:	2020 bp
RefSeq ORF:	765 bp
Locus ID:	80011
UniProt ID:	<u>Q9GZU8</u>
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]