

Product datasheet for SC322359

NIP7 (NM_016101) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIP7 (NM_016101) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIP7
Synonyms:	CGI-37; HSPC031; KD93
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322359

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AGTTACCAAGGCACGAGGATCCGGTGTTCACCCAGGGGAAAAATGCGGCCTTTGACT
GAAGAGGAGACCCGTGTCATGTTTGAGAAGATAGCGAAATACATTGGGGAGAATCTTCAA
CTGCTGGTGGACCGGCCGATGGCACCTACTGTTTCCGTCTGCACAACGACCGGGGTGAC
TATGTGAGTGAGAAGATTATGAAGCTGGCCGCCAATATTTCCGGGGACAAGCTGGTGTCG
CTGGGGACCTGCTTTGAAAAATCACTAAAACCCACAAGTTTCGGTTGCACGTCACAGCT
CTGGATTACCTTGCACCTTATGCCAAGTATAAAGTTTGGATAAAGCCTGGTGCAGAGCAG
TCCTTCCTGTATGGGAACCATGTGTTGAAATCTGGTCTGGGTGGAATCACTGAAAATACT
TCTCAGTACCAGGCGTGGTGGTGTACTCCATGGCAGACATCCCTTTGGGTTTTGGGGTG
GCAGCCAAATCTACACAAGACTGCAGAAAAGTAGACCCCATGGCGATTGTGGTATTTTCAT
CAAGCAGACATTGGGGAATATGTGCGGCATGAAGAGACGTTGACTTAAACGAAGCCATT
CCAAGGACAGACGCTGTATGGAAAGGCCGAGCTTTGTTTCCTGTGTTTGTGTGGACTCC
ACCATCATGTTGAATTTTGTCAACACTCTGGCCTCTTCAGGGACTTCTTATTTACTGTAC
TCTCTATCACTGACAAATGCAGGCTGGATTCTTATTATATACAGAGATGGCTCAAAAATG
GGGTTTCAGATCTTTGTGACGAAATAGAATACTGTTTCATATTTGAATCAGAGGGCTTCT
TGTTCTGAGAAATAGGTTCAAAATCATTGGAACCAGGAACAAGATAGCTTATTGTTATC
TGTGATAACACTGTTTTCTAAACACAAGGATTTTCTTTTTTATTAATATGCAACATAGAC
ATTGCCATAACAGAATAATAAACACATGTGGGTTTTAAAAATGAAATTTGGCTAATAG
GAGCAATTCAGTATTTTTCTATACAGTAATTGGTGTGGTATAGAAGAAAAACGGGTT
CAAAACCCCACTTCTGCCACCTACCAGCTATATGGCCTTGAATGAGTCATTACAGCTTAAAT
AAGGTTTCATTTTCTTCTGTTTAAAAAGACAAAACTTGAATTCAGCTTTGGCCATCTA
CCTGAGAAATTAGAAAGTCTGATTTTGGAAATTAGAAATCATGATTGTAGGCTGGGCACAG
TGGCTCGCGCCTGTAATCCCAGCACTTTGGGAGGCCAAGCGGACGGATCACTTGAGGTT
AGGAGTTTGAGACCAGCCTGGCCAACATGGTGAAACCCCATCTCTACTAAAAAAAAAAAA
AAAA
  
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Restriction Sites: Please inquire


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ACCN:	NM_016101
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.
RefSeq:	<u>NM_016101.3, NP_057185.1</u>
RefSeq Size:	2184 bp
RefSeq ORF:	543 bp
Locus ID:	51388
UniProt ID:	<u>Q9Y221</u>
Cytogenetics:	16q22.1
Gene Summary:	Required for proper 34S pre-rRNA processing and 60S ribosome subunit assembly. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).