

Product datasheet for **SC126262**

N myc interactor (NMI) (NM_004688) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N myc interactor (NMI) (NM_004688) Human Untagged Clone
Tag:	Tag Free
Symbol:	N myc interactor
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_004688 edited

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GGCGCGCTGGGCCTTGGGGAGCTGCGCTCGCGGGCGGACGCGGGGATCATGGAAGCTG
ATAAAGATGACACACAACAAATTCTTAAGGAGCATTGCCAGATGAATTTATAAAGATG
AACAAAATAAGGGACTAATTGATGAAATTACAAAGAAAAATATTCAACTAAAGAAGGAGA
TCCAAAAGCTTCAAACGGAGTTACAAGAGGCTACCAAAGAATTCCAGATTAAGAGGATA
TTCTGAAAACAAAGATGAAATCTTATCAGTTGAAACTCCTGAGAATGACAGCCAGTTGT
CAAATATCTCCTGTTTCAAGTGAGCTCGAAAGTTTCTTATGAGATACAAAAGGAC
AAGCACTTATCACCTTTGAAAAAGAAGAAGTTGCTCAAAATGTGGTAAGCATGAGTAAAC
ATCATGTACAGATAAAAGATGTAATCTGGAGGTTACGGCCAAGCCAGTCCATTAAT
CAGGAGTCAGATCCAGGTTTATGTAGAAGTTTCTAAAATGAAAATCAATGTTACTGAAA
TTCTGACACATTGCGTGAAGATCAAATGAGAGACAACTAGAGCTGAGCTTTTCAAAGT
CCCGAAAATGGAGGCGGAGAGGTGGACCGTGGACTATGACAGACAGTCCGGGAGTGCAG
TCATCACGTTTGTGGAGATTGGAGTGGCTGACAAGATTTTAAAAAGAAAAGAAATACCCCTC
TTTATATAAAATCAAACCTGCCATAGAGTTACTGTTTCTCCATACACAGAAATACACTTGA
AAAAGTATCAGATATTTTCAGGAACATCTAAGAGGACAGTGCTTCTGACAGGAATGGAAG
GCATTCAAATGGATGAAGAAATGTGGAGGATTAATTAACATTCACCTTCAACGGGCAA
AGAATGGAGGTGGAGAAGTAGATGTGGTCAAGTGTCTCTAGGTCAACCTCACATAGCAT
ACTTTGAAGAATAGACTTAACAGAATCATGAAAATATAGCTTTTTAACCCGATTACTG
TAAATGTTTGACAAAAATGAATATGCTTTTCTTAAAAAATGAAAACCTTAAATTTTACC
ATCCATTTATGTTTAGATACAAAATTTTCCATGTTTCTGAATCTTCTTTGTTTCAAA
TGGTGCTGCATGTTTTCAACTACAATAAGTGCACTGTAATAAAAAAGTTTTGTTTATAGAA
AAAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004688 unedited CCGTCAAATTTTGTATACGACTCACTATAGGCGGACCGCGAATCAGATCTGGTACCGGTC CGGAATCCC CGGATATCGTCGACCCACGCGTCCGGGCGCGCTGGGCCTTGGGGAGCTGC GCTCGGCGGGCGGACGCGGGGGATCATGGAAGCTGATAAAGATGACACACAACAAATTCT TAAGGAGCATTGCCAGATGAATTTATAAAAGATGAACAAAATAAGGGACTAATTGATGA AATTACAAAGAAAAATATTCAACTAAAGAAGGAGATCCAAAAGCTTGAACGGAGTTACA AGAGGCTACCAAAGAATTCAGATTAAGAGGATATTCCTGAAACAAAGATGAAATTCTT ATCAGTTGAAACTCCTGAGAATGACAGCCAGTTGTCAAATATCTCCTGTTCAATTCAGT GAGCTCGAAAGTTCCTTATGAGATACAAAAAGGACAAGCACTTATCACCTTTGAAAAAGA AGAAGTTGCTCAAATGTGGTAAGCATGAGTAAACATCATGTACAGATAAAAGATGTAA TCTGGAGTTACGGCCAAGCCAGTTCATTAAATTCAGGAGTCAGATTCCAGGTTTATGT AGAAGTTTCTAAAATGAAAATCAATGTTACTGAAATTCCTGACACATTGCGTGAAGATCA AATGAGAGACAACTAGAGCTGAGCTTTTCAAAGTCCCGAAATGGANGCGGAGAGGTGGA CCGCGTGGACTATGACAGACAGTCCGGGAGTGCAGTCATCACGTTTGTGGAGATTGGAGT GGCTGANCAGATTTTAAAAAGAAAGATACCCTTTATATAAANAACCTGCCATGAGTT ACTGTTTCTNCTACACAGAAATACACTTGAAGTATCAGATATTTTCAGGAACATCTAA AGAGACC
Restriction Sites:	Please inquire
ACCN:	NM_004688
Insert Size:	1400 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_004688.1 , NP_004679.1
RefSeq Size:	1426 bp
RefSeq ORF:	924 bp
Locus ID:	9111
UniProt ID:	Q13287
Cytogenetics:	2q23.3
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

NMYC interactor (NMI) encodes a protein that interacts with NMYC and CMYC (two members of the oncogene Myc family), and other transcription factors containing a Zip, HLH, or HLH-Zip motif. The NMI protein also interacts with all STATs except STAT2 and augments STAT-mediated transcription in response to cytokines IL2 and IFN-gamma. The NMI mRNA has low expression levels in all human fetal and adult tissues tested except brain and has high expression in cancer cell line-myeloid leukemias. [provided by RefSeq, Jul 2008]