

Recombinant Human NMI, His-tagged

Cat. No. NMI-28771TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human N myc interactor with an N terminal His tag ; predicted mwt: 37.2 kDa;
Species	Human
Source	E.coli
ProteinLength	307 amino acids
Description	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.
Conjugation	HIS
Molecular Weight	37.200kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	<p>MGSSHHHHHH SSGLVPRGSH FLSVETPEND SQLSNISCSF QVSSKVPYEI QKGQALITFE KEEVAQNVVS MSKHHVQIKDV NLEVTAKPV PLNSGVRFQV YVEVSKMKIN MEADKDDTQQ ILKEHSPDEF IKDEQNKGLI DEITKKNIQLK KEIQKLETE LQEATKEFQI KEDIPETKMK VTEIPDTLRE DQMRDKLELS FSKSRNGGGE VDRVDYDRQS GSAVITFVEI GVADKILKKKEYPLYINQTC HRVTVSPYTE IHLKKYQIFSGTSKRTVLLT GMEGIQMDEE IVEDLINIHF QRAKNGGGEV DVVKCSLGQP HIAYFEE</p>

GENE INFORMATION

Gene Name	NMI N-myc (and STAT) interactor [Homo sapiens]
Official Symbol	NMI
Synonyms	NMI; N-myc (and STAT) interactor; N-myc-interactor;
Gene ID	9111
mRNA Refseq	NM_004688
Protein Refseq	NP_004679
MIM	603525
Uniprot ID	Q13287

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Chromosome Location	2q23
Pathway	IL-2 Signaling Pathway, organism-specific biosystem;
Function	nucleotide binding; protein binding; transcription cofactor activity;

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