

Recombinant Human NMI, His-tagged

Cat. No. NMI-3428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NMI protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	N-myc-interactor, also known as NMI, is a member of the oncogene Myc family. The Myc family of oncogenes is thought to play an important role in cell proliferation, differentiation, and neoplastic transformation. 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol
Molecular Weight	37.2 kDa (327aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEADKDDTQQ ILKEHSPDEF IKDEQNKGLI DEITKKNIQLK KEIQKLETE LQEATKEFQI KEDIPETKMK FLSVETPEND

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SQLSNISCSF QVSSKVPYEI QKGQALITFE KEEVAQNVVS MSKHHVQIKDV
 NLEVTAKPV PLNSGVRFQV YVEVSKMKIN VTEIPDTLRE DQMRDKLELS
 FSKSRNGGGE VDRVDYDRQS GSAVITFVEI GVADKILKKKEYPLYINQTC
 HRVTVSPYTE IHLKKYQIFS GTSKRTVLLT GMEGIQMDEE IVEDLINIHF
 QRAKNGGGEV DVVKCSLGQP HIAYFEE

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name NMI N-myc (and STAT) interactor [Homo sapiens]

Synonyms NMI; N-myc-interactor; N-myc and SAT interactor

Gene ID 9111

mRNA Refseq NM_004688

Protein Refseq NP_004679

MIM 603525

UniProt ID Q13287

Chromosome Location 2q23

Function nucleotide binding; protein binding; transcription cofactor activity

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