

## AR09814PU-N

## Human NMI (1-307, His-tag) - Purified

**Alternate names:**

N-myc-interactor

**Quantity:**

0.1 mg

**Concentration:**

0.5 mg/ml (determined by Bradford assay)

**Background:**

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.

**Uniprot ID:**

[Q13287](#)

**NCBI:**

[NP\\_004679](#)

**GeneID:**

[9111](#)

**Species:**

Human

**Source:**

E. coli

**Format:**

**State:** Liquid purified protein

**Purity:** >90%

**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol

**Description:**

Recombinant human NMI protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHHH SSGLVPRGSH MEADKDDTQQ ILKEHSPDEF IKDEQNKGLI DEITKKNILK  
KEIQKLETE LQATKEFQI KEDIPETKMK FLSVETPEND SQLSNISCSF QVSSKVPYEI  
QKGQALITFE KEEVAQNVVS MSKHHVQIKDV NLEVTAQPV PLNSGVRFQV YVEVSKMKIN  
VTEIPDLRE DQMRDKLELS FSKSRNGGGE VDRVDYDRQS GSAVITFVEI  
GVADKILKKKEYPLYINQTC HRVTVSPYTE IHLKKYQIFS GTSKRTVLLT GMEGIQMDEE  
IVEDLINIHF QRAKNGGGEV DVVKCSLGQP HIAYFEE

**Molecular weight:** 37.2 kDa (327aa), confirmed by MALDI-TOF

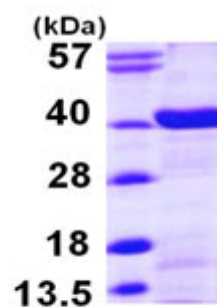
**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

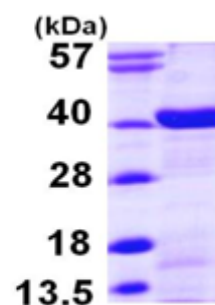
Shelf life: one year from despatch.

**Pictures:**



15% SDS-PAGE (3ug)

Recombinant human NMI, 1-307 aa, His-tagged



15% SDS-PAGE (3ug)