

NMI Human

Description: NMI produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-307 a.a.) and having a molecular mass of 37.2 kDa. NMI is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-077

For research use only.

Synonyms: N-myc (and STAT) Interactor.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MEADKDDTQQ ILKEHSPDEF
IKDEQNKG LI DEITKKN IQLK KEIQKLETE LQEATKEFQI KEDIPETKMK FLSVETPEND
SQLSNISCSF QVSSKVPYEI QKGQALITFE KEEVAQN VVS MSKHHVQIKDV NLEVTA KP V
PLNSGVR FQV YVEVSKMKIN VTEIPDTLRE DQMRDKLELS FSKSRNGGGE VDRVDYDRQS
GSAVITFVEI GV

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The NMI protein solution (0.5 mg/1 ml) is formulated in 20 mM Tris-HCl buffer (pH 8.0) 1 mM DTT and 20% glycerol.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

N-myc-interactor belongs to the oncogene Myc family which has a significant part in cell proliferation, differentiation, and neoplastic transformation. In Addition, NMI cooperates with all STATs except STAT2 and augments STAT-mediated transcription in response to cytokines IL2 and IFN-gamma. The NMI mRNA is expressed in small quantities in all human fetal and adult tissues tested except brain and but in large quantities in cancer cell line-myeloid leukemias.

Storage:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

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