
Product Data Sheet

Product Name: NMI Human
 Cat. No.: GP24053
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	N-myc (and STAT) Interactor.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEADKDDTQQ ILKEHSPDEF IKDEQNKGLI DEITKKNIQLK KEIQKLETE LQEATKEFQI KEDIPETKMK FLSVETPEND SQLSNISCSF QVSSKVPYEI QKGQALITFE KEEVAQNVVS MSKHHVQIKDV NLEVTAKPV PLNSGVRFQV YVEVSKMKIN VTEIPDTLRE DQMRDKLELS FSKSRNGGGE VDRVDYDRQS GSAVITFVEI GVADKILKKKEYPLYINQTC HRVTVSPYTE IHLKKYQIFS GTSKRTVLLT GMEGIQMDEE IVEDLINIHF QRAKNGGGEV DVVKCSLGQP HIAYFEE		
Formulation	The NMI protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT and 20% glycerol.		

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.

Stability

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.

Background

NMI produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327

Caution: Product has not been fully validated for medical applications. For research use only.

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amino acids (1-307a.a.) and having a molecular mass of 37.2kDa. NMI is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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