Recombinant Human NMI Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NMI-5682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NMI MS Standard C13 and N15-labeled recombinant protein (NP_004679) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.1 kDa
AA Sequence	MEADKDDTQQILKEHSPDEFIKDEQNKGLIDEITKKNIQLKKEIQKLETELQEATKEFQI KEDIPETKMKFLSVETPENDSQLSNISCSFQVSSKVPYEIQKGQALITFEKEEVAQNV VSMSKHHVQIKDVNLEVTAKPVPLNSGVRFQVYVEVSKMKINVTEIPDTLREDQMRD KLELSFSKSRNGGGEVDRVDYDRQSGSAVITFVEIGVADKILKKKEYPLYINQTCHRV TVSPYTEIHLKKYQIFSGTSKRTVLLTGMEGIQMDEEIVEDLINIHFQRAKNGGGEVDV VKCSLGQPHIAYFEETRTRPLEQKLISEEDLAANDILDYKDDDDKV

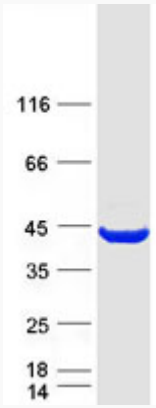
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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SDS-PAGE	

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