

Recombinant Full Length Human NMI Protein, GST-tagged

Cat. No. NMI-6589HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human NMI full-length ORF (AAH21987.1, 1 a.a. - 307 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 307 amino acids

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. [provided by RefSeq]

Molecular Mass 61.5 kDa

AA Sequence MEADKDDTQQILKEHSPDEFIKDEQNKGLIDEITKKNIQLRKEIQKLETELQEATKEFQI
 KEDIPETKMKFLSVETPENDSQLSNISCSFQVSSKVPYEQKGGALITFEKEEVAQNV
 VSMSKHHVQIKDVNLEVTAKPVPLNSGVRFQVYVEVSKMKINVTEIPDTLREDQMRD
 KLELSFSKSRNGGGEVDRVDYDRQSGSAVITFVEIGVADKILKKKEYPLYINQTCHRV
 TVSPYTEIHLKKYQIFSGTSKRTVLLTGMEGIQMDEEIVEDLINIHFQRAKNGGGEVDV
 VKCSLGQPHIAYFEE

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| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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