

## Product datasheet for PH301543

### N myc interactor (NMI) (NM\_004688) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NMI MS Standard C13 and N15-labeled recombinant protein (NP_004679)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201543
Predicted MW:	35.1 kDa
Protein Sequence:	>RC201543 protein sequence Red=Cloning site Green=Tags(s)  MEADKDDTQQILKEHSPDEFIKDEQNKGLIDEITKKNIQLKKEIQKLETELQEATKEFQIKEDIPETKMK FLSVETPENDSQLSNISCSFQVSSKVPYIEIQGQALITFEKEEVAQNVSMSKHHVQIKDYNLEVTAKPV PLNSGVRVFQVYVEVSKMKINVTEIPDTLREDQMRDKLELSFSKSRNGGGEVDRVDYDRQSGSAVITFVEI GVADKILKKKEYPLYINQTCHRVTVSPYTEIHLKKYQIFSGTSKRTVLLTGMEGIQMDEEIVEDLINIHF QRAKNGGGEVDVVKCSLGQPHIAYFEE  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004679</u>
RefSeq Size:	1501
RefSeq ORF:	921
Locus ID:	9111
UniProt ID:	<u>Q13287</u>



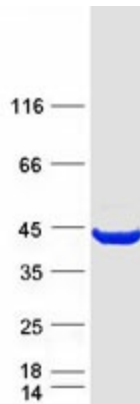
[View online »](#)

Cytogenetics: 2q23.3

**Summary:** 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, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



Coomassie blue staining of purified NMI protein (Cat# [TP301543]). The protein was produced from HEK293T cells transfected with NMI cDNA clone (Cat# [RC201543]) using MegaTran 2.0 (Cat# [TT210002]).