

## Product datasheet for PH319635

### MAZ (NM\_002383) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MAZ MS Standard C13 and N15-labeled recombinant protein (NP_002374)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219635
Predicted MW:	48.4 kDa
Protein Sequence:	>RC219635 representing NM_002383 Red=Cloning site Green=Tags(s)

MFPVFPCTLLAPFPVVLGLDSRGVGLMNSFPPPGHQAQNPQLQVGAELQSRFFASQGCASQPFQAAPAPP  
PTPQAPAAEPLQVDLLPVLAAAQESAAAAAAAAAAAAVAAAPPAAAASTVDTAALKQPPAPPPPPPV  
SAPAAEAAPPASAATIAAAAAATAVVAPTSTVAVAPVASALEKTKSKGPYICALCAKEFKNGYNLRHEA  
IHTGAKAGRVPSGAMKPTMVPLSLLSVPQLSGAGGGGEAGAGGAAVAAGGVTTTASGKRIRKNHA  
CEMCGKAFRDVYHLNRHKLSHSDEKPYQCPVCQQRFRKDRMSYHVRSHDGAVHKPYNCSHCGKFSRDP  
HLNSHVRQVHSTERPFKCEKCEAAFATKDRLRAHTVRHEEKVPCHVCGKMLSSAYISDHMKVHSQGPVHV  
CELCNKGTEVCPMAAAAAAAAAAAAAVAAAPPTAVGSLSGAEGVPVSSQPLPSQPW

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<a href="#">NP_002374</a>
RefSeq Size:	1738
RefSeq ORF:	1431
Synonyms:	Pur-1; PUR1; SAF-1; SAF-2; SAF-3; ZF87; Zif87; ZNF801



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Locus ID: 4150

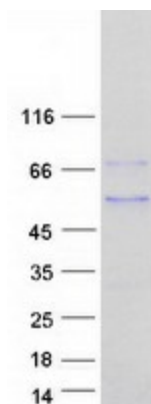
UniProt ID: [P56270](#)

Cytogenetics: 16p11.2

**Summary:** May function as a transcription factor with dual roles in transcription initiation and termination. Binds to two sites, ME1a1 and ME1a2, within the MYC promoter having greater affinity for the former. Also binds to multiple G/C-rich sites within the promoter of the Sp1 family of transcription factors. Regulates inflammation-induced expression of serum amyloid A proteins.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified MAZ protein (Cat# [TP319635]). The protein was produced from HEK293T cells transfected with MAZ cDNA clone (Cat# [RC219635]) using MegaTran 2.0 (Cat# [TT210002]).