

Product datasheet for PH302238

MYCBP (NM_012333) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MYCBP MS Standard C13 and N15-labeled recombinant protein (NP_036465)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202238
Predicted MW:	12 kDa
Protein Sequence:	>RC202238 protein sequence Red =Cloning site Green =Tags(s) MAHYKAADSKREQFRRYLEKSGVLDLTKVLVALYEEPEKPNALDFLKHHLGAATPENPEIELLRLELA EMKEKYEAIVEENKCLKAKLAQYEPPEEKRAE 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:	NP_036465
RefSeq Size:	2583
RefSeq ORF:	309
Synonyms:	AMY-1
Locus ID:	26292
UniProt ID:	Q99417
Cytogenetics:	1p34.3



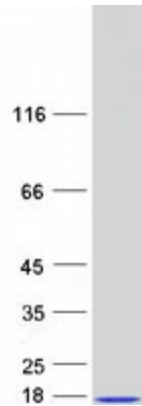
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Summary:

The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Families:

ES Cell Differentiation/IPS, Transcription Factors

Product images:

Coomassie blue staining of purified MYCBP protein (Cat# [TP302238]). The protein was produced from HEK293T cells transfected with MYCBP cDNA clone (Cat# [RC202238]) using MegaTran 2.0 (Cat# [TT210002]).