

Product datasheet for PH311002

MBTD1 (NM_017643) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MBTD1 MS Standard C13 and N15-labeled recombinant protein (NP_060113)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211002
Predicted MW:	70.4 kDa
Protein Sequence:	>RC211002 representing NM_017643 Red =Cloning site Green =Tags(s)

MFDGYDSCSEDTSSSSSEEEVAPLPSNLPIIKNNGQVYTPDGKSGMATCEMCGMVGRDAFYSKT
 KRFCSVSCSRSYSSNSKKASILARLQGKPPTKKAKVLQKQPLVAKLAAYAQYQATLQNQAKTKAAVSMEG
 FSWGNYINSNSFIAAPVTCFKHAPMGTGWDISENVRVEVPNTDCSLPTKVFWIAGIVKLAGYNALLRYE
 GFENDSGLDFWCNIGSDIHPVGWCAASGKPLVPPRTIQHKYTNWKAFLVKRLTGAKTLPPDFSQKVSES
 MQYPFKPCMRVEVVDKRHLCTRVAVVESVIGGRLRLVYEESEDRTDDFWCHMSPLIIHHIGWSRSIGHR
 FKRSDITKKQDGHFDTPPHLFAKVKEVDQSGEWFKEGMKLEAIDPLNLSTICVATIRKVLADGFLMIGID
 GSEAADGSDWFCYHATSPSIFPVGFCEINMIELTPPRGYTKLPFKWFDYLRGTGSAAPVKLFNKDVPNH
 GFRVGMKLEAVDLMPERLICVATVTRIIHRLLRIHFDGWEEYDQWVDCESPDLYPVGWCQLTGYQLQPP
 ASQSSRENQSASSKQKKAKSQQYKGHKMTTLQLKEELLDGEDYNFLQGASDQESNGSANFYIKQEP

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_060113
RefSeq Size:	5397
RefSeq ORF:	1884


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Synonyms: SA49P01

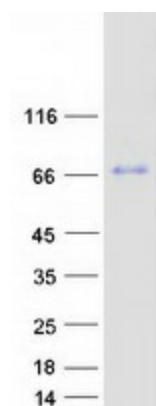
Locus ID: 54799

UniProt ID: [Q05BQ5](#)

Cytogenetics: 17q21.33

Summary: Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility (By similarity). Specifically binds to monomethylated and dimethylated 'Lys-20' on histone H4.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MBTD1 protein (Cat# [TP311002]). The protein was produced from HEK293T cells transfected with MBTD1 cDNA clone (Cat# [RC211002]) using MegaTran 2.0 (Cat# [TT210002]).