

Recombinant Human MBTD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MBTD1-3518H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MBTD1 MS Standard C13 and N15-labeled recombinant protein (NP_060113) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	70.4 kDa
AA Sequence	MFDGYDSCSEDTSSESSSEEEVAPLPSNLPIKNNGQVYTYPDGKSGMATCEM CGMVGVRDAFYSKTKRFCSVSCSRSYSSNSKKASILARLQGKPPTKKAKVLQKQPL VAKLAAYAQYQATLQNQAKTKAAVSMEGFSWGNYSNSFIAAPVTCFKHAPMGTC WGDISENVRVEVPNTDCSLPTKVFVIAGIVKLAGYNALLRYEGFENDSGLDFWCNIC GSDIHPVGWCAASGKPLVPPRTIQHKYTNWKAFLVKRLTGAKTLPPDFSQKVSESM QYPFKPCMRVEVVDKRHLCTRVAVSVIGGRLRLVYEESEDRTDDFWCHMHSP LIHHIGWSRSIGHRFKRSDITKKQDGHFDTPPHLFAKVKEVDQSGEWFKEGMKLEAI DPLNLSTICVATIRKVLADGFLMIGIDGSEAADGSDWFCYHATSPSIFPVGFCEINMIE LTPPRGYTKLPFKWFDYLRETGSIAAPVKLFNKDVPNHGFRVGMKLEAVDLMEPRLI

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CVATVTRIIHRLRLRIHFDGWEEYDQWVDCESPDLYPVGWCQLTGYQLQPPASQSS
RENQSASSKQKKKAKSQQYKGHKMTTLQLKEELLGDGEDYNFLQGASDQESNGSA
NFIKQEPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MBTD1 mbt domain containing 1 [Homo sapiens (human)]

Official Symbol MBTD1

Synonyms MBTD1; mbt domain containing 1; MBT domain-containing protein 1; FLJ20055; SA49P01; FLJ42067; MGC126785;

Gene ID 54799

mRNA Refseq NM_017643

Protein Refseq NP_060113

MIM 618705

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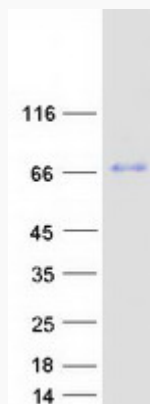
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UniProt ID

Q05BQ5

SDS-PAGE

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