

Product datasheet for PH306745

Plzf (ZBTB16) (NM_006006) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZBTB16 MS Standard C13 and N15-labeled recombinant protein (NP_005997)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206745
Predicted MW:	74.1 kDa
Protein Sequence:	>RC206745 representing NM_006006 Red=Cloning site Green=Tags(s)

MDLTKMGMIIQLQNPShPTGLLCKANQMRLAGTLCdVvIMVDSQEFHAHRTVLACTSKMFELFHRNSQHY
TLDFLSPKTFQQILEYAYTATLQAKAEDLDDLlyAAEILEIEYLEEQCLKMLETIQASDDNDTEATMADG
GAEEDDRKARYLKNIFISKHSSEESGYASVAGQSLPGPMVDQSPSVSTSFGLSAMSPTKAAVDSLMTIG
QSLLQGTLPAGPEEPTLAGGGRHPGVAEVKTEMMQVDEVPSQDSPGAAESSISGGMGDKVEERGKEGP
GTPTRSSVITSARELHYGREESAEQVPPAEAGQAPTGRPEHPAPPEKHLGIYSVLPNHKADAVLSMPS
SVTSGLHVQPALAVSMDFSYGGLLPQGFIQRELFskLGELAVGMKSESRTIGEQCsvCGVELPDNEAVE
QHRKLHSGMKTYGCELcgKRFDSLRLRMHLLAHsAGAKAFVCDQCGAQFSKEDALETHRQTHGTDMAV
FCLLCGKRFQAQSALQqHMEVHAGVRSYICSECNRTFPsHTALKRHLRSHTGDHPYECFCGSCFRDEST
LkSHKRIHTGekPYECNGCGKkFSLKHQLEthYRVHTGekPFECKLChQSRDYSAMIKHLRTHNGASPY
QCTICTEYCPsLSSMQkHMKGHKPEEIPPDWRIEKTYLYLCYV

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:	<u>NP_005997</u>
RefSeq Size:	2417



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RefSeq ORF: 2019

Synonyms: PLZF; ZNF145

Locus ID: 7704

UniProt ID: [Q05516](#), [A0A024R3C6](#)

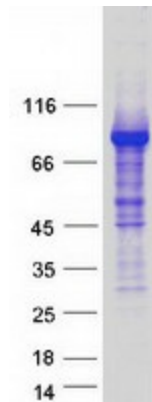
Cytogenetics: 11q23.2

Summary: This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Acute myeloid leukemia, Pathways in cancer

Product images:



Coomassie blue staining of purified ZBTB16 protein (Cat# [TP306745]). The protein was produced from HEK293T cells transfected with ZBTB16 cDNA clone (Cat# [RC206745]) using MegaTran 2.0 (Cat# [TT210002]).