

Product datasheet for TP306745

Plzf (ZBTB16) (NM_006006) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger and BTB domain containing 16 (ZBTB16), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206745 representing NM_006006 Red =Cloning site Green =Tags(s)

MDLTKMGMIQLQNPSHPTGLLCKANQMRLAGTLCDWIMVDSQEFHAHRTVLACTSKMFEILFHRNSQ
HY
TLDFLSPKTFQQILEYAYTATLQAKAEDLDDLLYAAEILEIEYLEEQCLKMLETIQASDDNDTEATMADG
GAEEDDRKARYLKNIFISKHSSEESGYASVAGQSLPGPMVDQSPSVSTSFGLSAMSPTKAAVDLSMTIG
QSLQGLQPPAGPEEPTLAGGGRHPGVAEVKTEMMQVDEVPSQDSPGAAESSISGGMGDKVEERGKEG
P
GTPTRSSVITSARELHYGREESAEQVPPPAEAGQAPTGRPEHPAPPPEKHLGIYSVLPNHKADAVLSMPS
SVTSGLHVQPALAVSMDFSTYGGLLPQGFQIRELFSKLGELAVGMKSESRTIGEQCVCVVELPDNEAVE
QHRKLHSGMKTYGCELCGKRFLDSLRLRMHLLAHSAGAKAFVCDQCGAQFSKEDAETHRQHTHTGTDM
AV
FCLLCGKRFQAQSALQQHMEVHAGVRSYICSECNRTFPSHTALKRHLRSHTGDHPYECEFCGSCFRDEST
LKSHKRIHTGEKPYECNGCGKKFSLKHQLETHYRVHTGEKPFECKLCHQRSRDYSAMIKHLRTHNGASPY
QCTICTEYCPSSLSSMQHMKGHKPEEIPPDWRIEKTYLYLCYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	74.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005997](#)

Locus ID: 7704

UniProt ID: [Q05516](#)

RefSeq Size: 2417

Cytogenetics: 11q23.2

RefSeq ORF: 2019

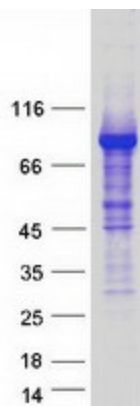
Synonyms: PLZF; ZNF145

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]).