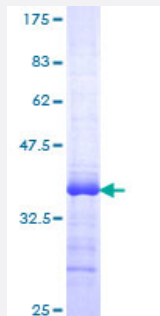


ZBTB16 (Human) Recombinant Protein (Q01)

Catalog # H00007704-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ZBTB16 partial ORF (AAH29812, 381 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QRELFSKLGELAVGMKSESRTIGEQCSVCGVELPDNEAVEQHRKLHSGMKTYGCELCGKRFLD SLRLRMHLLAHSAGAKAFVCDQCGAQFSKEDALETHR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ZBTB16

Entrez GeneID [7704](#)

GeneBank Accession# [BC029812](#)

Protein Accession# [AAH29812](#)

Gene Name ZBTB16

Gene Alias PLZF, ZNF145

Gene Description zinc finger and BTB domain containing 16

Omim ID [176797](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations Kruppel-like zinc finger protein|promyelocytic leukemia zinc finger protein|zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Heart Defects](#)
- [Leukemia](#)
- [Tobacco Use Disorder](#)