

Recombinant Full Length Human ZBTB48 Protein, GST-tagged

Cat. No. ZBTB48-627HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ZBTB48(1 a.a. - 688 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	688 amino acids
Description	Enables double-stranded telomeric DNA binding activity; identical protein binding activity; and transcription cis-regulatory region binding activity. Involved in positive regulation of transcription, DNA-templated and telomere maintenance via telomere lengthening. Located in chromosome, telomeric region.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	103.5 kDa
AA Sequence	MDGSFVQHSV RVLQELNKQR EKGQYCDATL DVGGLVFKAH WSVLACCSHF FQSLYGDGSG GSVVLPAGFA EIFGLLLDFF YTGHLALTSG NRDQVLLAAR ELRVPEAVEL CQSFKPKTSV GQAAGGQSG L GPPASQNVNS HVKEPAGLEE EEVSRTLGLV PRDQEPRGSH SPQRPQLHSP AQSEGPSSLC GK LKQALKPC PLEDKKPEDC KVPPRPLEAE GAQLQGGSNE WEVVVQVEDD GDGDYMSEPE AVLTRRKS NV IRKPCAAEPA LSAGSLAAEP AENRKGTAVP VECPTCHKKF LSKY YLK VHN RKHTGEK PFE CPKCGKCYFR KENLLEHEAR NCMNRSEQVF

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TCSVCQETFR RRMELRVHVMV SHTGEMPYKC SSCSQQFMQK KDLQSHMIKL
 HGAPKPHACP TCAKCFLSRT ELQLHEAFKH RGEKLFVCEE CGHRASSRNG
 LQMHIAKAKHR NERPHVCEFC SHAFTQKANL NMHLRTHTGE KPFQCHLCGK
 TFRTQASLDK HNRTHTGERP FSCEFCEQRF TEKGPLLRHV ASRHQEGRPH
 FCQICGKTFK AVEQLRVHVR RHKGVRKFEC TECGYKFTRQ AHLRRHMEIH
 DRVENYNPRQ RKLRLNIIED EKMVVVALQP PAELEVGSAA VIVESLAQGG
 LASQLPGQRL CAESFTGPG VLEPSLIITA AVPEDCDT

Applications

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

ZBTB48 zinc finger and BTB domain containing 48 [Homo sapiens]

Official Symbol

ZBTB48

Synonyms

ZBTB48; zinc finger and BTB domain containing 48; GLI Kruppel family member
 HKR3 , HKR3; zinc finger and BTB domain-containing protein 48; ZNF855; zinc finger
 protein 855; GLI-Kruppel family member HKR3; krueppel-related zinc finger protein 3;
 HKR3; pp9964

Gene ID

3104

mRNA Refseq

NM_005341

Protein Refseq

NP_005332

MIM

165270

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UniProt ID

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