

# Recombinant Full Length Human ZBTB48 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human ZBTB48(1 a.a. - 688 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	688 amino acids
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	103.5 kDa
<b>AA Sequence</b>	MDGSFVQHSV RVLQELNKQR EKGQYCDATL DVGGLVFKAH WSVLACCSHF FQSLYGDGSG GSVVLPAGFA EIFGLLLDFF YTGHLALTSV NRDQVLLAAR ELRVPEAVEL CQSFKPKTSV GQAAGGQSG L GPPASQNVNS HVKEPAGLEE EEVSRTLGLV PRDQEPRGSH SPQRPQLHSP AQSEGSSSLC GKLKQALKPC PLEDKKPEDC KVPPRPLEAE GAQLQGG SNE WEVVVQVEDD GDGDYMSEPE AVLTRRKS NV IRKPCAAEPA LSAGSLAAEP AENRKG TAVP VECPTCHKKF LSKYLLKVHN RKHTGEKPF E CPKCGKCYFR KENLLEHEAR NCMNRSEQVF

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TCSVCQETFR RRMELRVHMV SHTGEMPYKC SSSCSQQFMQK KDLQSHMIKL  
 HGAPKPHACP TCAKCFLSRT ELQLHEAFKH RGEKLFVCEE CGHRASSRNG  
 LQMHIKAKHR NERPHVCEFC SHAFTQKANL NMHLRTHTGE KPFQCHLCGK  
 TFRTQASLDK HNRTHGERP FSCEFCEQRF TEKGPLLRHV ASRHQEGRPH  
 FCQICGKTFK AVEQLRVHVR RHKGVRFKFC 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

P10074

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