

## Recombinant Human ZBTB48 protein, His-tagged

**Cat. No.** ZBTB48-3784H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ZBTB48 protein(1-293 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-293 aa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | MDGSFVQHSSVRVLQELNKQREKGQYCDATLDVGGLVFKAHWSVLACCSHFFQSLY<br>GDGSGGSVVLPAGFAEIFGLLLDFFYTGHLALTSGNRDQVLLAARELRVPEAVELCQ<br>SFKPKTSVGQAAGGQSGLGPPASQNVNSHVKEPAGLEEEVSRITLGLVPRDQEPR<br>GSHSPQRPQLHSPAQSEGPSSLCGKLKQALKPCPLEDKKPEDCKVPPRPLEAEGA<br>QLQGGSNEWVVVQVEDDGDGYMSEPEAVLTRRKSNIKPCAAEPALSAGSLA<br>AEPAENRKGTAVPVEC                                                       |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid                                                                                                                                                                                                   |

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repeat freeze-thaw cycles.

#### Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## 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

#### UniProt ID

P10074

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