

## Recombinant Human ZBTB44 protein, GST-tagged

**Cat. No.** ZBTB44-3722H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ZBTB44 protein(163-453 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 163-453 aa                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                           |
| <b>AA Sequence</b>      | VSSECSVVERTIPVCRESRRKRKSYIVMSPESPVKCGTQTSSPQVLNSSASYSENR<br>NQPVDSLSLAFWTFPFPGIDRRIQPEKVKQAENTRTLELPGPSETGRRMADYVTCES<br>TKTTLPLGTEEDVRVKVERLSDEEVHEEVSQPVASQSSLSDQQTVPGSEQVQEDL<br>LISPQSSSIGSVDEGVSEGLPTLQSTSSTNAPPDDDDRLENVQYPYQLYIAPSTSSTE<br>RPSPNGPDRPFQCPTCGVRFTRIQLKQHMLIHSGIKPFQCDRCGKKFTRAYSLKM<br>HRLKHEVIS |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                           |

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

ZBTB44 zinc finger and BTB domain containing 44 [ Homo sapiens ]

**Official Symbol**

ZBTB44

**Synonyms**

ZBTB44; zinc finger and BTB domain containing 44; BTB (POZ) domain containing 15 , BTBD15; zinc finger and BTB domain-containing protein 44; HSPC063; ZNF851; zinc finger protein 851; BTB (POZ) domain containing 15; BTB/POZ domain-containing protein 15; BTBD15; MGC26123; MGC57431; MGC60348; MGC88058;

**Gene ID**

29068

**mRNA Refseq**

NM\_014155

**Protein Refseq**

NP\_054874

**UniProt ID**

Q8NCP5

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