

# Recombinant Human TRIM48 protein, His-tagged

**Cat. No.** TRIM48-2527H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TRIM48 protein(1-208 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-208 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, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MNSGISQVFQRELTCPICMNYFIDPVTIDCGHSFCRPCFYLNWQDIPILTQCFEICKTI<br>QQRNLKTNIRLKKMASLARKASLWFLSSEEQMCGIHRRETKKMFCEVDRSLLCLLCS<br>SSQEHRYHRHCPAEWAAEEHWKLLKKMQSLWEKACENQRNLNVETTRISHWKA<br>FGDILYRSESVLLHMPQPLNLALRAGPITGLRDRLNQF                                                         |
| <b>Purity</b>           | 95%, 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 cycles.                                                |

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**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** TRIM48 tripartite motif containing 48 [ Homo sapiens ]

**Official Symbol** TRIM48

**Synonyms** TRIM48; tripartite motif containing 48; tripartite motif-containing protein 48; RNF101; RING finger protein 101; tripartite motif-containing 48; MGC4827;

**Gene ID** 79097

**mRNA Refseq** NM\_024114

**Protein Refseq** NP\_077019

**UniProt ID** Q8IWZ4

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