

## Recombinant Human TRIM59 protein, His-tagged

**Cat. No.** TRIM59-3115H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TRIM59 protein(128-326 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 128-326 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>       | GHPIDDLQSAYLKEKDTPQKLLEQLTDTHWTDLTHLIEKLKEQKSHSEKMIQGDKEA<br>VLQYFKELNDTLEQKKKSFLTALCDVGNLINQEYTPQIERMKEIREQQLELMALTISLQ<br>EESPLKFLEKVDDVRQHVVQILKQRPLPEVQPVEIYPRVSKILKEEWSRTEIGQIKNVLI<br>PKMKISPKRMSCSWPGKDEKEVEF                                                                                                                                                         |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                            |
| <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 repeat freeze-thaw cycles.                                                                                                                                                                        |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [TRIM59 tripartite motif containing 59 \[ Homo sapiens \]](#)

**Official Symbol** [TRIM59](#)

**Synonyms** TRIM59; tripartite motif containing 59; TRIM57, tripartite motif containing 57 , tripartite motif containing 59; tripartite motif-containing protein 59; Mrf1; RNF104; TSBF1; tumor suppressor TSBF1; RING finger protein 104; tumor suppressor TSBF-1; tripartite motif-containing 57; tripartite motif-containing 59; MRF1; TRIM57; MGC26631; MGC129860; MGC129861;

**mRNA Refseq** [NM\\_173084](#)

**Protein Refseq** [NP\\_775107](#)

**UniProt ID** [Q8IWR1](#)

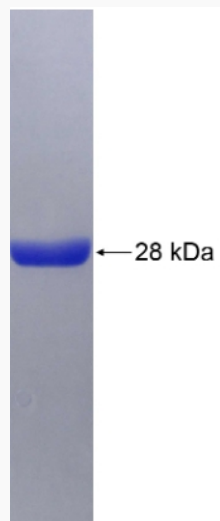
**Gene ID** [286827](#)

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**SDS-PAGE**



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