

## Recombinant Human RUVBL1 protein, GST-tagged

**Cat. No.** RUVBL1-2475H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RUVBL1 protein(1-214 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-214 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 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. |
| <b>AASequence</b>       | MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVELIKS<br>KKMAGRAVLLAGPPGTGKTALALAI AQELGSKVPFCPMVGSEVYSTEIKKTEVLMEN<br>FRR AIGLR IKETKEVYEGEVTELT PCETENPMGGYGKTISHVIIGLK TAKGTKQLKLD P<br>SIFESLQKERVEAGDVIYIEANSGAVKRQGRCDTYATEFD                                                                    |
| <b>Purity</b>           | 80%, 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 repeat freeze-thaw cycles.                                                                                                      |

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**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** [RUVBL1 RuvB-like 1 \(E. coli\) \[ Homo sapiens \]](#)

**Official Symbol** [RUVBL1](#)

**Synonyms**

RUVBL1; RuvB-like 1 (E. coli); RuvB (E coli homolog) like 1; ruvB-like 1; ECP54; INO80 complex subunit H; INO80H; NMP238; pontin; Pontin52; RVB1; Rvb1; TIH1; TIP49; TIP49a; ECP-54; NMP 238; pontin 52; TAP54-alpha; nuclear matrix protein 238; RuvB (E coli homolog)-like 1; 49 kDa TBP-interacting protein; TIP60-associated protein 54-alpha; 54 kDa erythrocyte cytosolic protein; TATA binding protein interacting protein 49 kDa; 49 kDa TATA box-binding protein-interacting protein; PONTIN; TIP49A;

**Gene ID** [8607](#)

**mRNA Refseq** [NM\\_003707](#)

**Protein Refseq** [NP\\_003698](#)

**MIM** [603449](#)

**UniProt ID** [Q9Y265](#)

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