

## Recombinant Human PRTFDC1 protein, GST-tagged

**Cat. No.** PRTFDC1-1995H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PRTFDC1 protein(1-225 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-225 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. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | MAGSSEEAPDYGRGVVIMDDWPGYDLNLFYTPQHYYGDLEYVLIPHGIIVDRIERLA<br>KDIMKDIGYSDIMVLCVLKGGYKFCADLVEHLKNISRNDRFVSMKVDFIRLKSYRND<br>QSMGEMQIIGDDLSTLAGKNVLIVEDVVGTRMTKALLSNIEKYKPNMIKVASLLVK<br>RTSRSDGFRPDYAGFEIPNLFVVGALDYNEYFRDLNHICVINEHGKEKYRV                                                                                                                                                    |
| <b>Purity</b>           | 90%, 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**

|                  |                                                                         |
|------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b> | PRTFDC1 phosphoribosyl transferase domain containing 1 [ Homo sapiens ] |
|------------------|-------------------------------------------------------------------------|

|                        |         |
|------------------------|---------|
| <b>Official Symbol</b> | PRTFDC1 |
|------------------------|---------|

|                 |                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | PRTFDC1; phosphoribosyl transferase domain containing 1;<br>phosphoribosyltransferase domain-containing protein 1; HHGP; FLJ11888; |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_020200 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_064585 |
|-----------------------|-----------|

|            |        |
|------------|--------|
| <b>MIM</b> | 610751 |
|------------|--------|

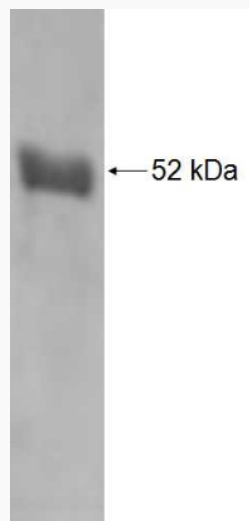
|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9NRG1 |
|-------------------|--------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 56952 |
|----------------|-------|

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**SDS-PAGE**

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