

## Recombinant Human POTEH protein, GST-tagged

**Cat. No.** POTEH-301256H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human POTEH protein(24-59 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 24-59 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>       | MGKWCRCFAWCRGSGKSNVGTSGDHDDSAMKTLRS                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | 85%, 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.                                                                                                                                                                                        |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/                                                                                                                                                                                                                                                                                                   |

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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** POTEH POTE ankyrin domain family, member H [ Homo sapiens ]

**Official Symbol** POTEH

**Synonyms** POTEH; POTE ankyrin domain family, member H; A26C3, ACTBL1, actin, beta like 1 , ANKRD26 like family C, member 3; POTE ankyrin domain family member H; cancer/testis antigen family 104; member 7; CT104.7; POTE22; POTE-22; actin, beta-like 1; ANKRD26-like family C member 3; ANKRD26-like family C, member 3; cancer/testis antigen family 104, member 7; prostate, ovary, testis-expressed protein on chromosome 22; protein expressed in prostate, ovary, testis, and placenta 22; protein expressed in prostate, ovary, testis, and placenta POTE14 like; A26C3; ACTBL1;

**Gene ID** 23784

**mRNA Refseq** NM\_001136213

**Protein Refseq** NP\_001129685

**MIM** 608913

**UniProt ID** Q6S545

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SDS-PAGE



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