

# Recombinant Human TRPS1 protein, GST-tagged

**Cat. No.** TRPS1-301463H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TRPS1 (1158-1281 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Ser1158-Glu1281                                                                                                                                                                                                                        |
| <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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | SDNDIPLDLAIKHSRPGPTANGASKEKTKAPPNVKNEGPLNVVKTEKVDRSTQDELS<br>TKCVHCGIVFLDEVMYALHMSCHGDSGPFQCSICQHLCTDKYDFTTHIQRGLHRNN<br>AQVEKNGKPKE                                                                                                   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <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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## GENE INFORMATION

|                 |                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TRPS1 trichorhinophalangeal syndrome I [ Homo sapiens ]                                                                                                                            |
| Official Symbol | TRPS1                                                                                                                                                                              |
| Synonyms        | TRPS1; trichorhinophalangeal syndrome I; zinc finger transcription factor Trps1; LGCR; zinc finger protein GC79; tricho-rhino-phalangeal syndrome type I protein; GC79; MGC134928; |
| Gene ID         | 7227                                                                                                                                                                               |
| mRNA Refseq     | NM_014112                                                                                                                                                                          |
| Protein Refseq  | NP_054831                                                                                                                                                                          |
| MIM             | 604386                                                                                                                                                                             |
| UniProt ID      | Q9UHF7                                                                                                                                                                             |

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