

## Recombinant Human TCF4 protein, GST-tagged

**Cat. No.** TCF4-30167H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TCF4 (407-560 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Pro407-Glu560                                                                                                                                                                                                                          |
| <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>      | PSTAMPGGHGDMMHGIIGPSHNGAMGGLGSGYGTGLLSANRHSLMVGTHREDGVAL<br>RGSHSLLPNQVPVPLPVQSATSPDLNPPQDPYRGMPPGLQGQSVSSGSSEIKSD<br>DEGDENLQDTKSSDDKKLDDDKDIKSITRSRSSNDDDEDLTPE                                                                      |
| <b>Purity</b>           | 90%, 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       | TCF4 transcription factor 4 [ Homo sapiens ]                                                                                                                                                                                                                                                                                        |
| Official Symbol | TCF4                                                                                                                                                                                                                                                                                                                                |
| Synonyms        | TCF4; transcription factor 4; bHLHb19; E2 2; ITF2; SEF2 1B; SL3-3 enhancer factor 2; transcription factor 4, isoform D; transcription factor 4, isoform R; immunoglobulin transcription factor 2; class B basic helix-loop-helix protein 19; E2-2; PTHS; SEF2; ITF-2; SEF-2; TCF-4; SEF2-1; SEF2-1A; SEF2-1B; MGC149723; MGC149724; |
| Gene ID         | 6925                                                                                                                                                                                                                                                                                                                                |
| mRNA Refseq     | NM_001083962                                                                                                                                                                                                                                                                                                                        |
| Protein Refseq  | NP_001077431                                                                                                                                                                                                                                                                                                                        |
| MIM             | 602272                                                                                                                                                                                                                                                                                                                              |
| UniProt ID      | P15884                                                                                                                                                                                                                                                                                                                              |

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