

## Recombinant Human TDGF1, GST-tagged

**Cat. No.** TDGF1-3170H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TDGF1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-188aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TDGF1 teratocarcinoma-derived growth factor 1 [ Homo sapiens ]                                                                                       |
| <b>Official Symbol</b> | TDGF1                                                                                                                                                |
| <b>Synonyms</b>        | TDGF1; teratocarcinoma-derived growth factor 1; CR; CRIPTO; Cripto 1; cripto-1 growth factor; epidermal growth factor-like cripto protein CR1; CRGF; |
| <b>Gene ID</b>         | 6997                                                                                                                                                 |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_001174136                                                                                                                                                                                                         |
| <b>Protein Refseq</b>      | NP_001167607                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | P13385                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 3p21.31                                                                                                                                                                                                              |
| <b>Pathway</b>             | Developmental Biology, organism-specific biosystem; Glypican 1 network, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem; |
| <b>Function</b>            | growth factor activity; protein binding; receptor binding;                                                                                                                                                           |

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