

## Recombinant Human TGFBR1, His-GST tagged

**Cat. No.** TGFBR1-8656H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Human TGFBR1 (P36897-1) (Thr200-Met503), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.  |
| <b>Species</b>              | Human   |
| <b>Source</b>               | Insect Cells  |
| <b>ProteinLength</b>        | 200-503 a.a.  |
| <b>Predicted N Terminal</b> | Met   |
| <b>Form</b>                 | Supplied as sterile 20mM Tris, 500mM Nacl, pH 8.5, 10% glycerolNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.  |
| <b>Molecular Mass</b>       | The recombinant human ALK5/GST chimera consists of 541 amino acids and has a calculated molecular mass of 62.6 kDa. The recombinant protein migrates approximately 57 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.   |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE   |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.   |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein  |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** TGFBR1 transforming growth factor, beta receptor 1 [ Homo sapiens ]

**Official Symbol** TGFBR1

**Gene ID** 7046

**mRNA Refseq** NM\_001130916

**Protein Refseq** NP\_001124388

**MIM** 190181

**UniProt ID** P36897

**Chromosome Location** 9q22

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