

## Recombinant Human TGFB1 Protein (M1-S390), Tag Free

**Cat. No.** TGFB1-1284H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human G-TGFB1 (M1-S390 end) Protein was expressed in E. coli.                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | M1-S390                                                                                                                                                                                                                                    |
| <b>Description</b>      | Transforming growth factor beta-1 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-1 (TGF-beta-1) chains, which constitute the regulatory and active subunit of TGF-beta-1, respectively. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                     |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                                                                                            |
| <b>Purity</b>           | 90%                                                                                                                                                                                                                                        |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                        |
| <b>Storage Buffer</b>   | Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol                                                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TGFB1 transforming growth factor, beta 1 [ Homo sapiens (human) ]                                                                                                                                                |
| <b>Official Symbol</b> | TGFB1                                                                                                                                                                                                            |
| <b>Synonyms</b>        | TGFB1; transforming growth factor, beta 1; DPD1, TGFB; transforming growth factor beta-1; Camurati Engelmann disease; CED; TGFbeta; TGF-beta-1; TGF-beta 1 protein; latency-associated peptide; LAP; DPD1; TGFB; |
| <b>Gene ID</b>         | 7040                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_000660                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_000651                                                                                                                                                                                                        |
| <b>MIM</b>             | 190180                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | P01137                                                                                                                                                                                                           |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA