

Recombinant Human TGFB1 Protein

Cat. No. TGFB1-226H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse Transforming Growth Factor beta 1 is produced by our Mammalian expression system and the target gene encoding Ala279-Ser390 is expressed. |
| Species | Mouse |
| Source | Human Cells |
| ProteinLength | 279-390 a.a. |
| Description | <p>Transforming growth factor beta 1 (TGFβ1) is the prototype of a growing superfamily of peptide growth factors and plays a prominent role in a variety of cellular processes, including cell-cycle progression, cell differentiation, reproductive function, development, motility, adhesion, neuronal growth, bone morphogenesis, wound healing, and immune surveillance. TGF-β1, TGF-β2 and TGF-β3 signal via the same heteromeric receptor complex, consisting of a ligand binding TGF-β receptor type II (TβR-II), and a TGF-β receptor type I (TβR-I). Signal transduction from the receptor to the nucleus is mediated via SMADs. TGF-β expression is found in cartilage, bone, teeth, muscle, heart, blood vessels, haematopoitic cells, lung, kidney, gut, liver, eye, ear, skin, and the nervous system.</p> |
| Form | Lyophilized from a 0.2 um filtered solution of 50mM Glycine, 150mM NaCl, pH 2.5. |
| AA Sequence | Ala279-Ser390 |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Endotoxin Less than 0.1 ng/ug (1 EU/ug).

Shipping Ambient

GENE INFORMATION

Gene Name TGFB1 transforming growth factor beta 1 [Homo sapiens (human)]

Official Symbol TGFB1

Synonyms TGF-beta-1; CED; DPD1; TGFB; TGF-b1; TGFB1; CEDLAP; latency-associated peptide; TGFbeta; TGF-beta 1 protein; transforming growth factor beta-1; LAP; IBDIMDE; TGFbeta; TGF-beta1

Gene ID 7040

mRNA Refseq NM_000660.7

Protein Refseq NP_000651.3

MIM 190180

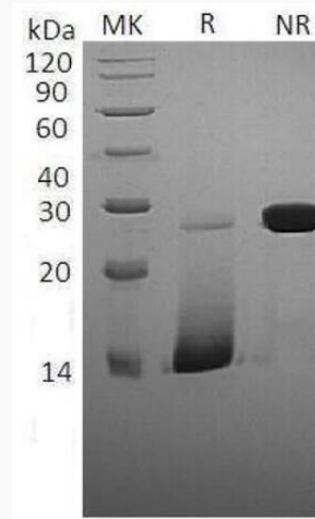
UniProt ID P04202

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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