

Active Recombinant Human TGFB3 Protein, Animal Free

Cat. No. TGFB3-48H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB3 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	Transforming growth factor beta 3(TGF β3) is one of three closely related mammalian members of the large TGF β superfamily, TGF-β1, β2, and β3, signal through the same receptor and elicit similar biological responses. The mammalian TGF-β3 controls a vast array of biological processes including immune regulation, cell proliferation, epithelial-mesenchymal transition, and the bone formation. It is generally recognized to facilitate chondrogenic differentiation of precursor cells. It may also have a dose-dependent inhibitory effect on osteogenesis.
Bio-activity	The activity was measured by its ability to inhibit the IL-4 induced proliferation in mouse HT-2 cells (BALB/c spleen activated by sheep erythrocytes in the presence of IL-2).
Molecular Mass	25 kDa
Endotoxin	<0.5 EU/ μg
Purity	High Purity, >95% by 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

Stability Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name TGFB3 transforming growth factor, beta 3 [Homo sapiens (human)]

Official Symbol TGFB3

Synonyms TGFB3; transforming growth factor, beta 3; transforming growth factor beta-3; TGF-beta-3; ARVD; TGF-beta3; FLJ16571;

Gene ID 7043

mRNA Refseq NM_003239

Protein Refseq NP_003230

MIM 190230

UniProt ID P10600

 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