

Active GMP Recombinant Human TGFB3 Protein

Cat. No. TGFB3-01HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TGFB3 Protein(P10600)(301-412 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	301-412 aa
Form	Lyophilized from a 0.22 µm-filtered solution containing 100 mM Glycine, 150 mM NaCl, 5% mannitol and 0.01% Tween 80, pH 4.0.
Bio-activity	Measured in a cell inhibition assay using TF-1 cells at IL4 presence. The ED50 for this effect is ≤0.2ng/mL.
Molecular Mass	13 kDa
AASequence	ALDTNYCFRNLEENCCVRPLYIDFRQDLGWKVVHEPKGYANFCSGPCPYLRSD TTHSTVLGLYNTLNPEASASPCCVPQDLEPLTILYYVGRTPKVEQLSNMVKCKCS
Endotoxin	≤10 EU/mg by the LAL method
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

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Storage 36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to redissolve in sterile deionized water.

GENE INFORMATION

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

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

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