

Active Recombinant Human TGFBR3

Cat. No. TGFBR3-193H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFBR3 (Accession # AAA67061.1) Gly21-Asp781 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	21-781 a.a.
Predicted N Terminal	Gly21
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit TGF-beta 2 activity on HT-2 mouse T cells. Tsang, M. et al. (1995) Cytokine 7:389. The ED50 for this effect is typically 20 - 50 ng/mL in the presence of 0.4 ng/mL of rhTGF-beta 2.
Molecular Mass	Recombinant Human TGFBR3 has a calculated MW of 84 kDa. In SDS-PAGE migrates as 100 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 200 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [TGFB3 transforming growth factor, beta receptor III \[Homo sapiens \]](#)

Official Symbol TGFB3

Synonyms TGFB3; transforming growth factor, beta receptor III; transforming growth factor, beta receptor III (betaglycan, 300kDa); transforming growth factor beta receptor type 3; betaglycan; betaglycan proteoglycan; BGCAN; TGFR-3; TGF-beta receptor type 3; TGF-beta receptor type III;

Gene ID [7049](#)

mRNA Refseq [NM_001195683](#)

Protein Refseq [NP_001182612](#)

MIM [600742](#)

UniProt ID Q03167

Chromosome Location 1p33-p32

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