

Active Recombinant Human/Mouse/Rat TGFB3 protein(Tyr340Phe)

Cat. No. TGFB3-2165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human/Mouse/Rat TGFB3 protein(P10600)(Ala301-Ser412(Tyr340Phe)) is expressed in HEK293.
Species	Human/Mouse/Rat
Source	HEK293
ProteinLength	301-412 aa
Form	Lyophilized from a 0.2 µm filtered solution of 50mM Glycine-HCl, 150mM NaCl, pH 2.5. Contact us for customized product form or formulation.
Bio-activity	Measured by its ability to inhibit the IL-4-dependent proliferation of HT-2 mouse T cells. The ED50 for this effect is 24.2-96.6 pg/mL, corresponding to a specific activity of $1.04 \times 10^7 \sim 4.17 \times 10^7$ units/mg.
Molecular Mass	12.70 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3

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months, at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

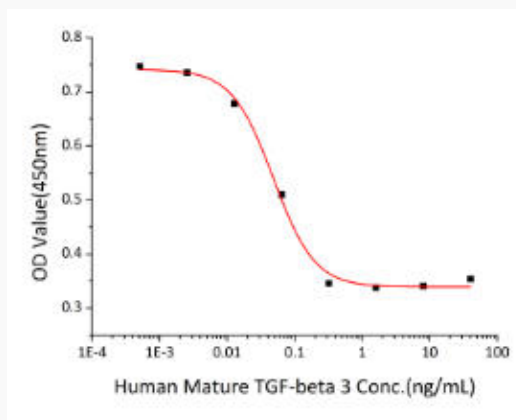
UniProt ID P10600

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Activity



SDS-PAGE

