

Active Recombinant Human TGFB3 protein, His-tagged

Cat. No. TGFB3-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB3 protein(P10600-1)(Leu 24 - Ser 412), fused to N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 24 - Ser 412
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Latent TGF-beta 3, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human TGFBR2, Fc,Avitag with a linear range of 0.2-2 ng/mL .
Molecular Mass	The protein has a calculated MW of 46.8 kDa. The protein migrates as 44-47 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TGFB3 transforming growth factor, beta 3 [Homo sapiens]
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Official Symbol	TGFB3
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Synonyms	TGFB3; transforming growth factor, beta 3; transforming growth factor beta-3; TGF-beta-3; ARVD; TGF-beta3; FLJ16571;
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Gene ID	7043
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mRNA Refseq	NM_003239
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Protein Refseq	NP_003230
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MIM	190230
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UniProt ID	P10600
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