

Recombinant Human TGFB3 protein

Cat. No. TGFB3-17H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB3 protein(P10600-1)(Ala301-Ser412) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala301-Ser412
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in 4mM HCl. Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Mature TGF beta 3, No Tag at 1µg (100µl/Well) on the plate. Dose response curve for Human TGF-beta RII, hFc Tag with the EC50 of 5.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 12.7 kDa. Due to glycosylation, the protein migrates to 13-15 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 4mM HCl.

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

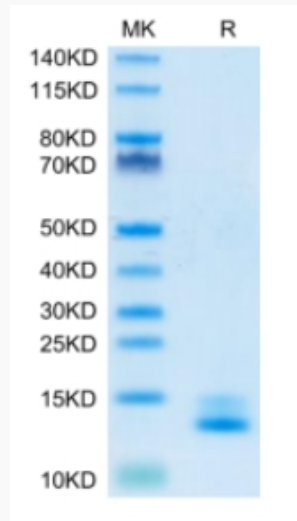
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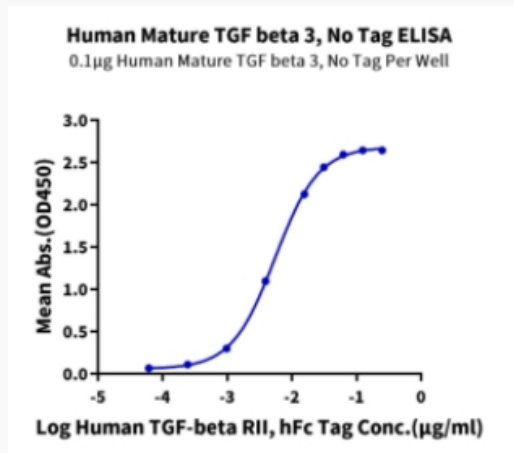
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Tris-Bis PAGE



ELISA Data



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