

Active Recombinant Human TGFB3 protein, Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. TGFB3-2182H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human TGFB3 protein(P10600-1)(Ala301-Ser412) is expressed from HEK293 with Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	301-412 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in 4mM HCl.
Bio-activity	Immobilized Human TGF-beta RII, mFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human Mature TGF beta 3, Avi Tag with the EC50 of 23.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.53 kDa. Due to glycosylation, the protein migrates to 15-20 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

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Storage -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled 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

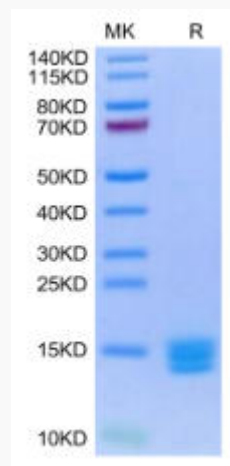
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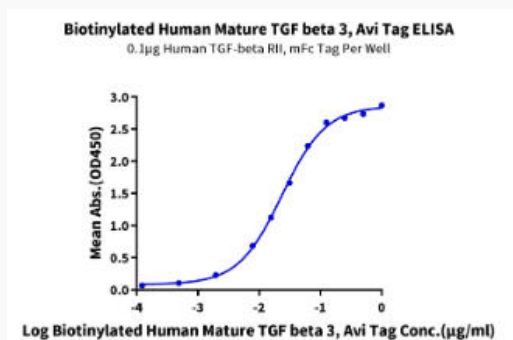
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Bis-Tris PAGE



ELISA Data



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