

Active Recombinant Human TGFB2 Protein, Avi-tagged, Biotinylated

Cat. No. TGFB2-4486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human TGFB2 Protein(P61812-1)(Ala303-Ser414) is expressed from HEK293 with Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	303-414 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in 4mM HCl.
Bio-activity	Immobilized Biotinylated Human Mature TGF beta 2, Avi Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human TGF-beta RII, mFc Tag with the EC50 of 0.17µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.53 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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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 TGFB2 transforming growth factor, beta 2 [Homo sapiens]

Official Symbol TGFB2

Synonyms TGFB2; transforming growth factor, beta 2; transforming growth factor beta-2; G-TSF; cetermin; polyergin; BSC-1 cell growth inhibitor; glioblastoma-derived T-cell suppressor factor; TGF-beta2; MGC116892;

Gene ID 7042

mRNA Refseq NM_001135599

Protein Refseq NP_001129071

MIM 190220

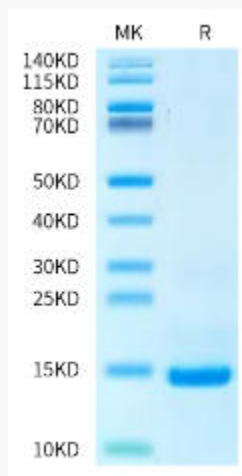
UniProt ID P61812

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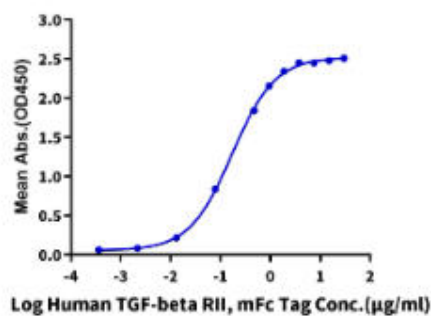
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Bis-Tris PAGE



ELISA Data

Biotinylated Human Mature TGF beta 2, Avi Tag ELISA
0.5µg Biotinylated Human Mature TGF beta 2, Avi Tag Per Well



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