

Recombinant Human TGFB2 protein, Avi-tagged, Biotinylated

Cat. No. TGFB2-1719H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TGFB2 protein(P61812-1)(Arg303-Ser414), fused with C-terminal Avi tag, was expressed in HEK293.
Species	Human
Source	C-Avi
ProteinLength	Arg303-Ser414
Tag	C-Avi
Conjugation/Label	Biotin
Form	Supplied as 0.22µm filtered solution in 4mM HCl.
Bio-activity	Immobilized Biotinylated Human Mature TGF beta 2, Avi Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human TGF-beta RII, mFc Tag with the EC50 of 0.27µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.53 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Storage	Valid for 12 months from date of receipt when stored at -80°C.; Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
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.
Conjugation	Biotin

GENE INFORMATION

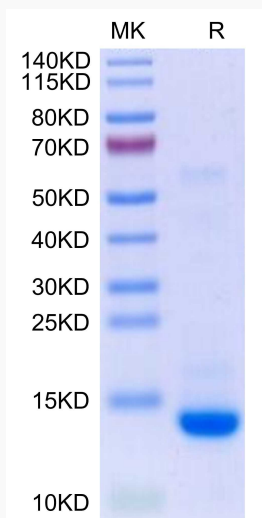
Gene Name	TGFB2 transforming growth factor, beta 2 [Homo sapiens]
Official Symbol	TGFB2
Synonyms	TGFB2; transforming growth factor, beta 2; transforming growth factor beta-2; G-TSF; cetermin; polyergin; BSC-1 cell growth inhibitor; glioblastoma-derived T-cell suppressor factor; TGF-beta2; MGC116892;
Gene ID	7042
mRNA Refseq	NM_001135599
Protein Refseq	NP_001129071
MIM	190220
UniProt ID	P61812

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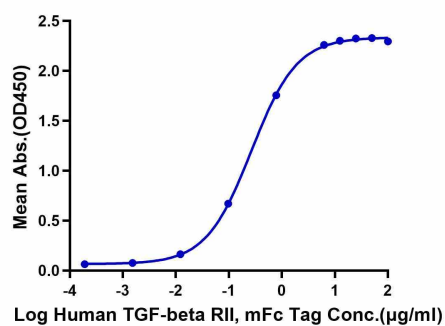
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Tris-Bis PAGE



ELISA

Biotinylated Human Mature TGF beta 2, Avi Tag ELISA
0.2µg Biotinylated Human Mature TGF beta 2, Avi Tag Per Well



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