

Recombinant Human TGFB2 protein

Cat. No. TGFB2-519H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFB2 protein(P61812-1)(Arg303-Ser414) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg303-Ser414
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 2, No Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Human TGF-beta RII, mFc Tag with the EC50 of 0.28ug/ml determined by ELISA (QC Test).
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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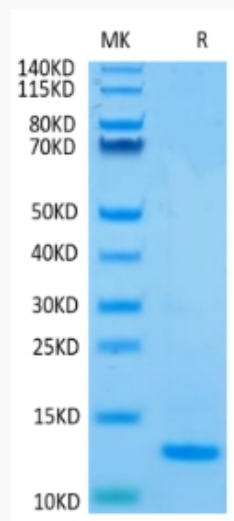
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 4mM HCl.
GENE INFORMATION	
Gene Name	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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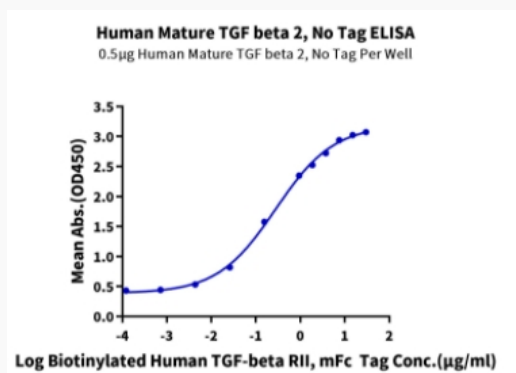
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Tris-Bis PAGE



ELISA Data



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