Recombinant Human TGFBR1 protein, mFc-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. TGFBR1-698HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TGFBR1 protei(P36897-1)(Leu34-Glu125) is expressed from HEK293 with mFc (IgG1) tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	34-125 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 38.2 kDa. Due to glycosylation, the protein migrates to 48-58 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 > 95% as determined by HPLC
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.

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Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	TGFBR1 transforming growth factor, beta receptor 1 [Homo sapiens]
Official Symbol	TGFBR1
Synonyms	TGFBR1; transforming growth factor, beta receptor 1; transforming growth factor, beta receptor I (activin A receptor type II like kinase, 53kD); TGF-beta receptor type-1; activin A receptor type II like kinase; 53kDa; ACVRLK4; ALK 5; tbetaR-I; TGF-beta receptor type I; TGF-beta type I receptor; activin receptor-like kinase 5; transforming growth factor beta receptor I; serine/threonine-protein kinase receptor R4; activin A receptor type II-like kinase, 53kD; activin A receptor type II-like kinase, 53kDa; transforming growth factor-beta receptor type I; activin A receptor type II-like protein kinase of 53kD; transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kD); AAT5; ALK5; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1;
Gene ID	7046
mRNA Refseq	NM_001130916
Protein Refseq	NP_001124388
MIM	190181
UniProt ID	P36897

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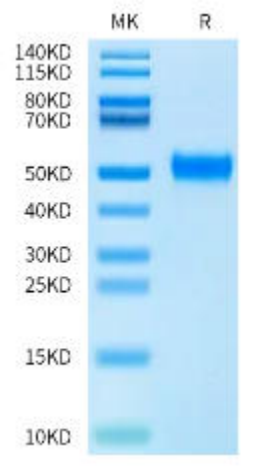
Bis-Tris PAGE	

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