Biotinylated Human TGFBR1 Protein

Catalog # TGFBR1-HB001 Form: Lyophilized

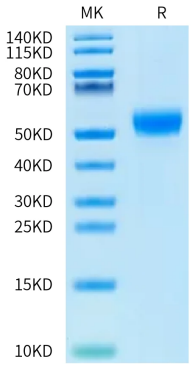
Product Details

Product description	Recombinant Biotinylated Human TGFBR1 Protein is expressed in HEK293 cells with an mFc (IgG1) tag and Avi tag at the C-terminus. It contains amino acid residues Leu34-Glu125 (UniProt accession: P36897-1).
Molecular aliases	AAT5; ACVRLK4; ALK-5; ALK5; LDS1A; LDS2A; SKR4; tbetaR-I; TGFB1R1; TGF-beta RI; TGFbetaRI; TGFBR1; TGF-bRI; TGFR-1; tβR-I; TGF-β RI; TGFβRI;TGFR1;tbR-I; t beta R-I; TGF-b RI; TGFbRI; TGF beta RI
Expression system	HEK293
Molecular weight	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.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
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. Please refer to the Certificate of Analysis for detailed instructions.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human TGFBR1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.