Biotinylated Human Mature TGF beta 2 Protein

Catalog # TGFB2-HB001 Form: Lyophilized

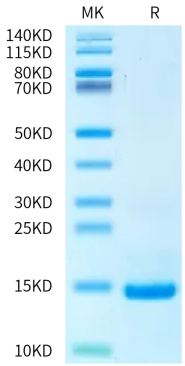
Product Details

Product description	Recombinant Biotinylated Human Mature TGF beta 2 Protein is expressed in HEK293 cells with an Avi tag at the C-terminus. It contains amino acid residues Ala303-Ser414 (UniProt accession: P61812-1).
Molecular aliases	TGFB2; TGFBR2; TGFR2; TbetaR-II; TGFβR2; BB105277; TGF-beta 2; TβR-II; TGF-β 2;TGF beta R2; TbR-II; T beta R-II; TGF-b 2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 14.53 kDa same as Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 4mM HCl. 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 4mM HCL. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human Mature TGF beta 2 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.