Biotinylated Human Mature TGF beta 3 Protein

Catalog # TGFB3-HB001 Form: Lyophilized

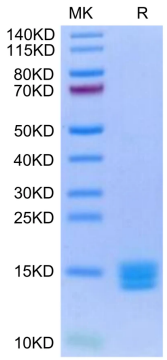
Product Details

Product description	Recombinant Biotinylated Human Mature TGF beta 3 Protein is expressed in HEK293 cells with an Avi tag at the C-terminus. It contains amino acid residues Ala301-Ser412 (UniProt accession: P10600-1).
Molecular aliases	TGF-beta-3; LAP; TGFB3; ARVD; ARVD1; RNHF;TGF-β-3; TGF-beta 3;TGF-b-3; TGF-b3
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 14.53 kDa. Due to glycosylation, the protein migrates to 15-20 kDa based on Bis-Tris PAGE result.
Purity	> 95% 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 3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.