Human TGF-beta RII/TGFBR2 Protein

Catalog # TGF-HF003 Form: Lyophilized

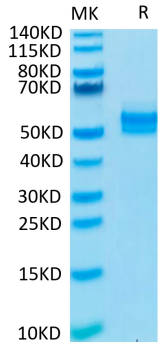
Product Details

Product description	Recombinant Human TGF-beta RII/TGFBR2 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the N-terminus. It contains amino acid residues Ile24-Asp159 (UniProt accession: P37173-1).
Molecular aliases	TGFR2; TGFBR2; TbetaR-II; TGFβR2; TbetaR-II; TGFβR2; AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TβR-II; TβR-II;TGF beta R2; TbR-II; T beta R-II
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 44.2 kDa. Due to glycosylation, the protein migrates to 50-68 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 24 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.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human TGF-beta RII on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.