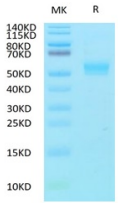
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

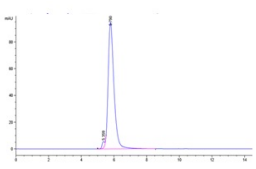
Recombinant human TGFBR2 protein, N-hFc (HEK293)

Catalog Number:	bs-47207P
Concentration:	＞0.5 mg/ml
AA Seq:	24-159/567
Predicted MW:	44.2
Detected MW:	Due to glycosylation, the protein migrates to 50-68 kDa based on Tris-Bis PAGE result.
Tags:	N-hFc
Activity:	Not tested
Endotoxin:	<1.0 EU/μg as determined by LAL
Purity:	>95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC
Purification:	AC
Form:	Lyophilized
Storage:	Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization. Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized.

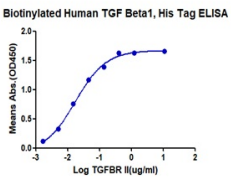
VALIDATION IMAGES



Recombinant human TGF-beta RII / TGFBR2 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Recombinant human TGF-beta RII / TGFBR2 Protein is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human TGF Beta1,His Tag at 1ug/ml (100ul/Well). Dose response curve for TGFBR2,Fc Tag with the EC50 of 17.4ng/ml determined by ELISA.