

Recombinant human TGFBR1 protein, C-mFc-Avi (HEK293)

Catalog Number: bs-47208P

Concentration: >0.5 mg/ml

AA Seq: 34-125/503

Predicted MW: 38.2

Detected MW: Due to glycosylation, the protein migrates to 52-60 kDa based on Tris-Bis PAGE result.

Tags: C-mFc-Avi

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

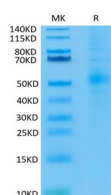
Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

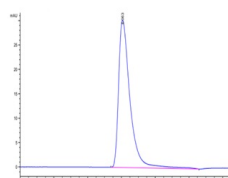
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

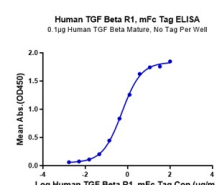
VALIDATION IMAGES



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



The purity of Recombinant Human TGFBR1 Protein is greater than 95% as determined by SEC-HPLC.



Immobilized Human TGF Beta Mature, no Tag at 1μg/ml (100μl/Well). Dose response curve for Human TGF Beta R1, mFc Tag with the EC₅₀ of 0.5μg/ml determined by ELISA.