

Recombinant human TGFBR2 protein, C-His (HEK293)

Catalog Number: bs-43522P

Concentration: >0.5 mg/ml

AA Seq: 23-159/567

Predicted MW: 19.2

Detected MW: 23-38 kDa

Tags: C-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

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 TGFβ 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-β. 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



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.