

Biotinylated Recombinant Human TGFR-1/ALK-5 Protein

Catalog No.: RP02598 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | | P36897-1 |

Tags

C-His&Avi

Synonyms

AAT5; ACVRLK4; ALK-5; LDS1A; LDS2A; SKR4; tbetaR-I; TGFB1R1; TGF-beta RI; TGFbetaRI; TGFB1R1; TGF-bRI; TGFR-1; tβR-I; TGF-β RI; TGFBRI

Product Information

| Source | Purification |
|--------------|--------------------------------------|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE |

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation


Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

transforming growth factor beta receptor 1 (TGFB1R1), a key stimulator of tumor proliferation and metastasis, was a direct target of miR-9875p. miR-9875p overexpression resulted in the downregulation of TGFB1R1 and the suppression of the viability, proliferation, migration and invasion of A549 and H1299 cells.

Basic Information

Description

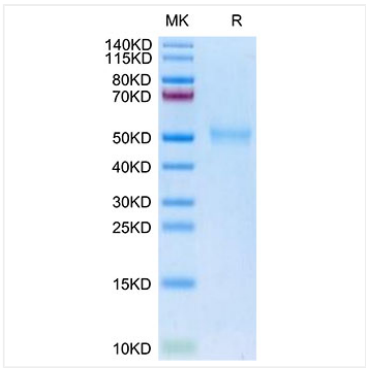
Recombinant Biotinylated Human TGFB1R1 Protein is expressed from Expi293 with mFc tag and Avi tag at the C-terminal. It contains Leu34-Glu125.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



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