

RP02598B

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Biotinylated Recombinant Human TGF-beta receptor type-1/TGFR-1/ALK-5 Protein

Catalog No.: RP02598B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	7046	P36897-1

Tags

C-mFc&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; TGFβRI

Product Information

Source

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.

Purification

≥ 95 % as determined by Tris-Bis PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Background

transforming growth factor beta receptor 1 (TGFB1), a key stimulator of tumor proliferation and metastasis, was a direct target of miR-98-5p. miR-98-5p overexpression resulted in the downregulation of TGFB1 and the suppression of the viability, proliferation, migration and invasion of A549 and H1299 cells.

Basic Information

Description

Biotinylated Recombinant Human TGF-beta receptor type-1/TGFR-1/ALK-5 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu34-Glu125) of Human TGFR-1/ALK-5 fused with a mFc and Avi tag at the C-terminal.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Avoid repeated freeze/thaw cycles.

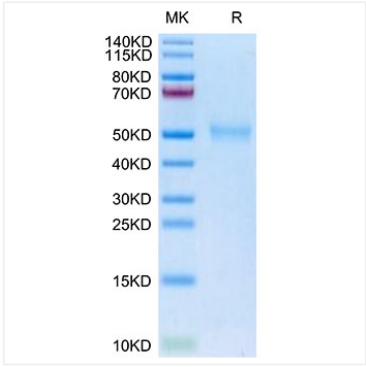
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Contact



www.abclonal.com

Validation Data



Biotinylated Recombinant Human
TGF-beta receptor
type-1/TGFR-1/ALK-5 Protein was
determined by Tris-Bis PAGE under
reducing conditions.