

RP02276B

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Biotinylated Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein

Catalog No.: RP02276B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	558	P30530

Tags

C-His&Avi

Synonyms

AXL;ARK;JTK11;Tyro7;UFO

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; ≥ 95 % as determined by HPLC.

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

Axl, a member of the TAM (Tyro3, Axl, Mer) family, and its inhibitors can specifically break the kinase signaling nodes, allowing advanced patients to regain drug sensitivity with improved therapeutic efficacy. Overexpression and activation of Axl receptor tyrosine kinase have been widely accepted to promote cell proliferation, chemotherapy resistance, invasion, and metastasis in several human cancers, such as lung, breast, and pancreatic cancers.

Basic Information

Description

Biotinylated Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala26-Pro449) of Human Axl fused with a His 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.

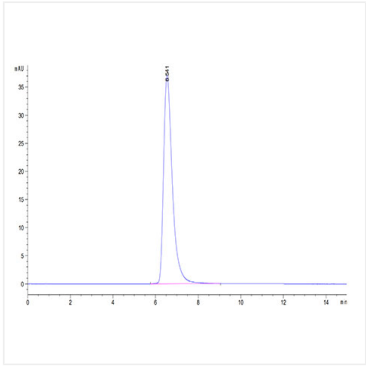
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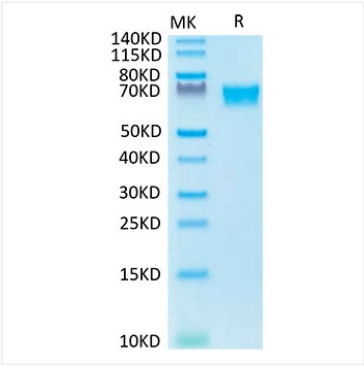


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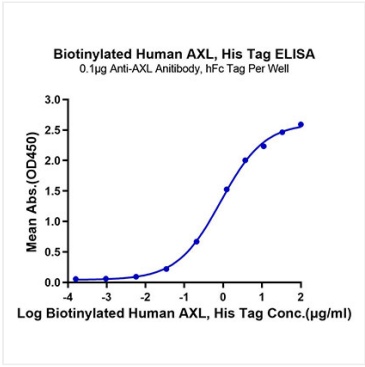
Validation Data



The purity of Biotinylated Human AXL is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Anti-AXL Anitibody at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human AXL, His Tag with the EC₅₀ of 0.87µg/ml determined by ELISA.