

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

Catalog No.: RP02276B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	558	P30530

Tags

C-His&Avi

Synonyms

AXL;ARK;JTK11;Tyro7;UFO

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE; > 95% by SEC-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

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 freeze-thaw cycles.

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


Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

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.

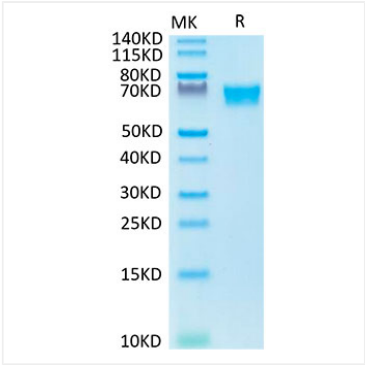
Contact

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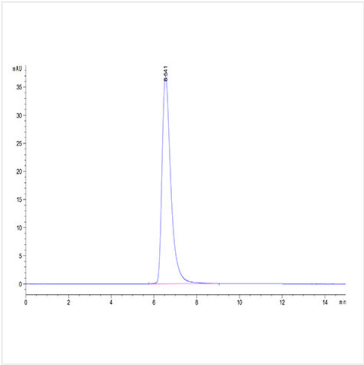
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

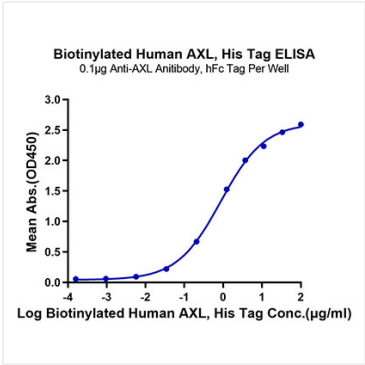
Validation Data



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



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



Immobilized Anti-AXL Anitbody 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.