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

Catalog No.: RP02276B

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Sequence Information

Species
Human

Gene ID
558

Swiss Prot
P30530

Tags
C-His&Avi

Synonyms
AXL,ARK,JTK11,Tyro7,UFO

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
48.7 kDa

Observed MW
70-80 kDa

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

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.

Storage
Store at -20℃

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

Contact

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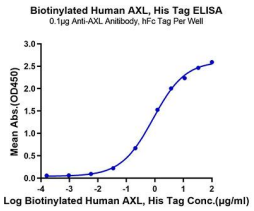
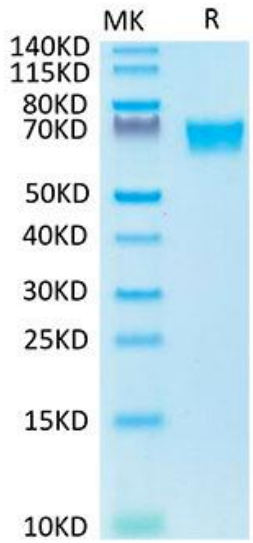
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

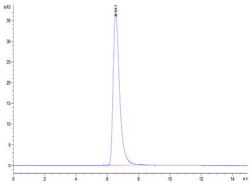
Validation Data



Immobilized Anti-AXL Anitibody at 1μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human AXL, His Tag with the EC_{50} of 0.87μg/ml determined by ELISA.



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



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

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