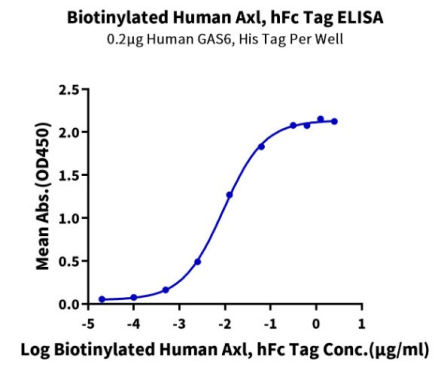
Bioactive HuPro®

AXL (Human) Recombinant Protein (Biotin)

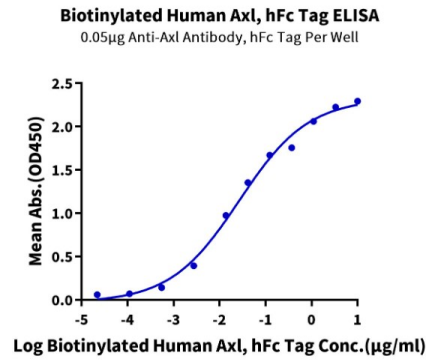
Catalog # P10347 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

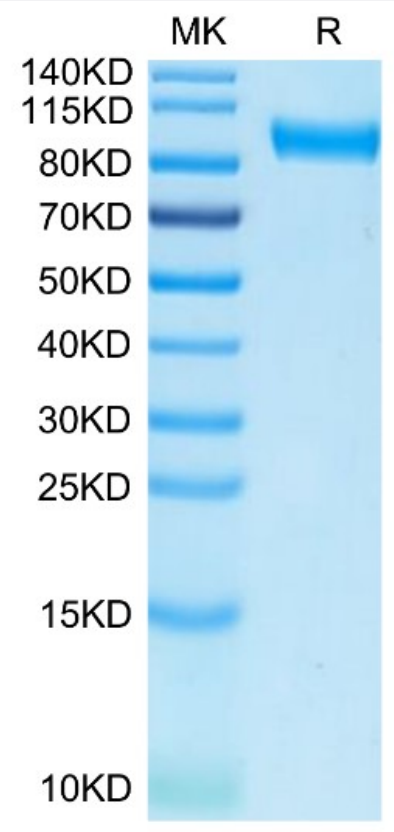
Immobilized Human GAS6, His Tag at 2 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC_{50} of 9.2 ng/mL determined by ELISA (QC Test).



Enzyme-linked Immunoabsorbent Assay

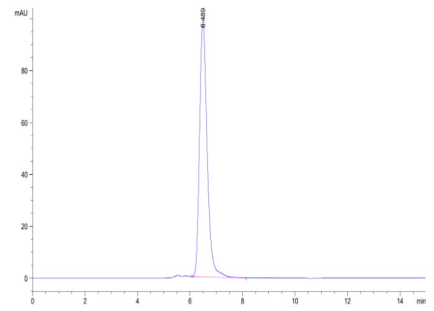
Immobilized Anti-Axl Antibody at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC_{50} of 26.8 ng/mL determined by ELISA.

Copyright © 2023 Abnova Corporation. All Rights Reserved.



Tris-Bis PAGE

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



SEC-HPLC

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

Specification

Product Description	Human AXL (P30530-1, Ala26-Pro449) partial recombinant protein with hFc tag at the C-Terminus expressed in HEK293 cells.
Sequence	Ala26-Pro449
Host	Human
Theoretical MW (kDa)	72.59999999999999
Reactivity	Human
Form	Lyophilized
Conjugation	Biotin

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by Tris-Bis PAGE > 95% by HPLC
Endotoxin Level	< 0.1 EU per 1 ug as determined by the LAL method.
Activity	The EC_{50} was 26.8 ng/mL, measured by ELISA at 0.5 ug/mL.
Recommend Usage	Biological Activity ELISA Tris-Bis PAGE SEC-HPLC The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).
Storage Instruction	Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months. Aliquot to avoid repeated freezing and thawing.
Note	Please use within one month after protein reconstitution.

Applications

- Functional Study

- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human GAS6, His Tag at 2 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC_{50} of 9.2 ng/mL determined by ELISA (QC Test).

- Enzyme-linked Immunoabsorbent Assay

  Immobilized Anti-Axl Antibody at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC_{50} of 26.8 ng/mL determined by ELISA.

Gene Info — AXL

Entrez GeneID	558
Protein Accession#	P30530-1
Gene Name	AXL
Gene Alias	JTK11, UFO

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Description	AXL receptor tyrosine kinase
Omim ID	109135
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extr acellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular m atrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-s pecific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggre gation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	AXL transforming sequence/gene|oncogene AXL

Disease

- Cardiovascular Diseases
- Carotid Artery Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Stroke

Copyright © 2023 Abnova Corporation. All Rights Reserved.