

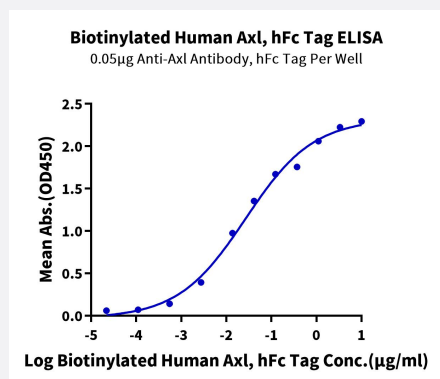
Bioactive

HuPro®

AXL (Human) Recombinant Protein

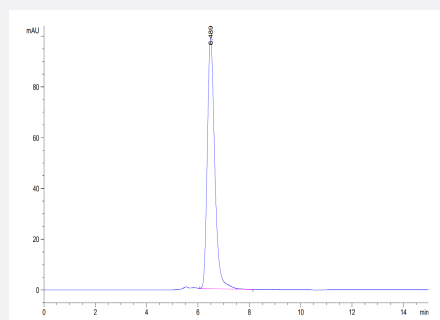
Catalog # P9826 Size 100 ug

Applications



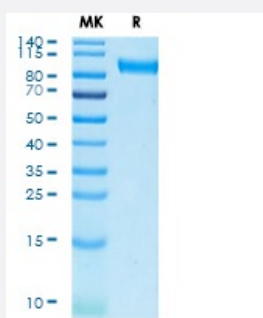
Enzyme-linked Immunoabsorbent Assay

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 EC50 of 26.8 ng/mL determined by ELISA.



SEC-HPLC

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



Tris-Bis PAGE

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

Specification

Product Description	Human AXL (P30530-1, Ala26-Pro449) partial recombinant protein with hFc tag at C-Terminus expressed in HEK293 cells.
Sequence	Ala26-Pro449
Host	Human
Theoretical MW (kDa)	72.59999999999998
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC ₅₀ was 0.15 ug/mL, measured by ELISA at 2 ug/mL. The affinity constant of 1.57 nM as determined in SPR assay (Biacore T200)
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Biotinylated Human Axl is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Biotinylated Human Axl on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Enzyme-linked Immunoabsorbent Assay

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- Functional Study

- SDS-PAGE

Gene Info — AXL

Entrez GeneID [558](#)**Protein Accession#** [P30530-1](#)**Gene Name** AXL**Gene Alias** JTK11, UFO**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 extracellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggregation 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](#)