

Bioactive

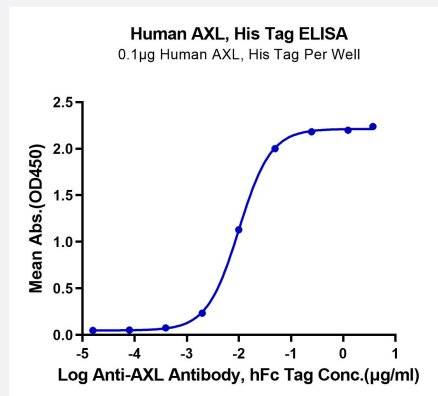
HuPro®

# AXL (Human) Recombinant Protein

Catalog # P9797

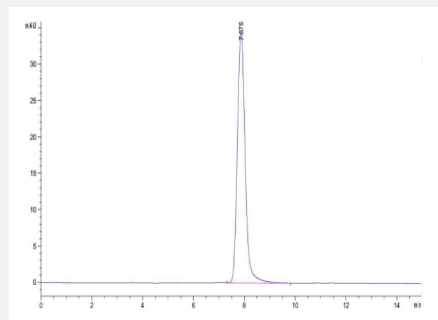
Size 100 ug

## Applications



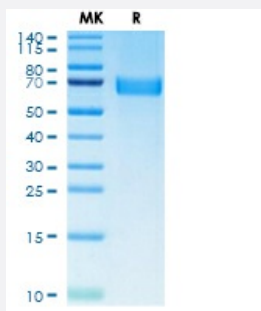
### Enzyme-linked Immunoabsorbent Assay

Immobilized Human AXL, His Tag at 1 ug/mL (100 uL/well) on the plate. Dose response curve for Anti-AXL Antibody, hFc Tag with the EC50 of 10.0 ng/mL determined by ELISA.



### SEC-HPLC

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



### Tris-Bis PAGE

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

## Specification

<b>Product Description</b>	Human AXL (NP_068713.2, Glu33-Ser442) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
<b>Sequence</b>	Glu33-Ser442
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	45.4
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Endotoxin Level</b>	< 1 EU per 1 ug of protein (determined by LAL method)
<b>Activity</b>	The EC <sub>50</sub> was 10.0 ng/mL, measured by ELISA at 1 ug/mL.
<b>Quality Control Testing</b>	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human AXL is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human AXL on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
<b>Recommend Usage</b>	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from sterile distilled Water is > 100 ug/mL
<b>Storage Instruction</b>	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.
<b>Note</b>	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#** [NP\\_068713.2](#)**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](#)