

Datasheet for ABIN7273882

**AXL Protein (AA 26-449) (Fc Tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	AXL
Protein Characteristics:	AA 26-449
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXL protein is labelled with Fc Tag.

## Product Details

Purpose:	Human AXL Protein
Sequence:	Ala26-Pro449
Characteristics:	Recombinant Human AXL Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala26-Pro449.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human GAS6, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human AXL, hFc Tag with the EC50 of 7.5ng/ml determined by ELISA. See testing image for detail.

## Target Details

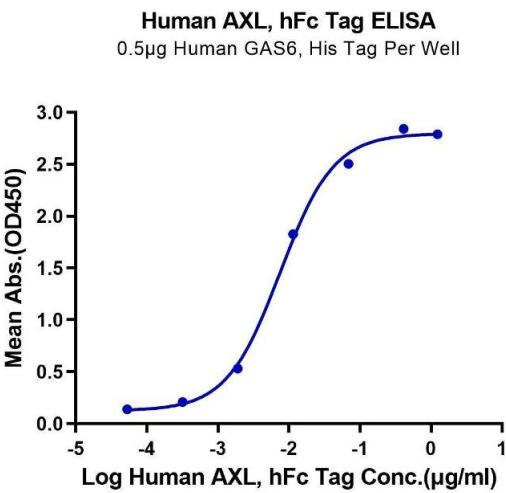
Target:	AXL
Alternative Name:	Axl ( <a href="#">AXL Products</a> )
Background:	Axl, a member of the TAM (Tyr03, Axl, Mer) family, and its inhibitors can specifically break the kinase signaling nodes, allowing advanced patients to regain drug sensitivity with improved therapeutic efficacy. Overexpression 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.
Molecular Weight:	72.6 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Restrictions:	For Research Use only
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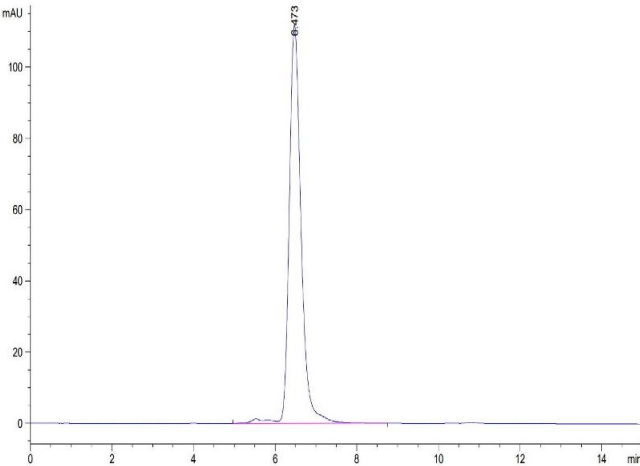
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



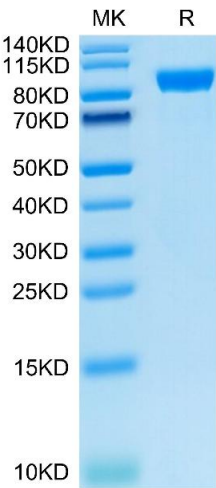
**ELISA**

**Image 1.** Immobilized Human GAS6, His Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Human AXL, hFc Tag with the EC50 of 7.5 ng/mL determined by ELISA.



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human AXL is greater than 95 % as determined by SEC-HPLC.



**SDS-PAGE**

**Image 3.** Human AXL on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .