

Datasheet for ABIN7273880

**AXL Protein (AA 33-449) (His tag)**

5 Images

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## Overview

Quantity:	100 µg
Target:	AXL
Protein Characteristics:	AA 33-449
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXL protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus AXL Protein
Sequence:	Glu33-Pro449
Characteristics:	Recombinant Cynomolgus AXL Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Glu33-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 Cynomolgus AXL, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-AXL Antibody, hFc Tag with the EC50 of 8.8ng/ml determined by ELISA. The affinity constant of 1.70 nM as determined in SPR assay (Biacore T200). See testing image for detail.

## Target Details

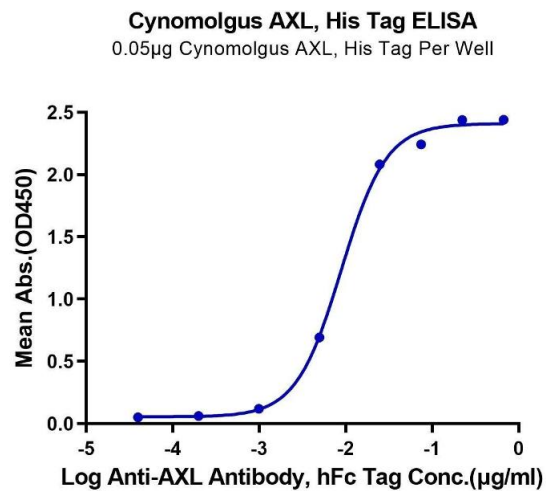
Target:	AXL
Alternative Name:	AXL ( <a href="#">AXL Products</a> )
Background:	Axl, a member of the TAM (Tyr03, Axl, Mer) family, and its inhibitors can specifically break the kinase signaling nodes, allowing advanced patients to regain drug sensitivity with improved therapeutic efficacy. Overexpression 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:	46.3 kDa. Due to glycosylation, the protein migrates to 68-70 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">A0A1D5Q330</a>
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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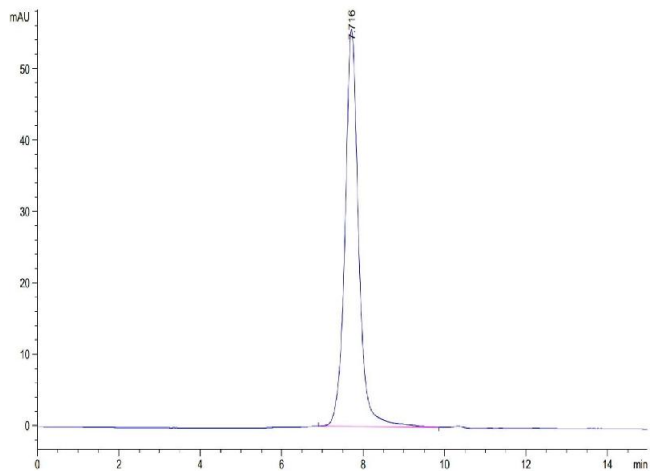
## Handling

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



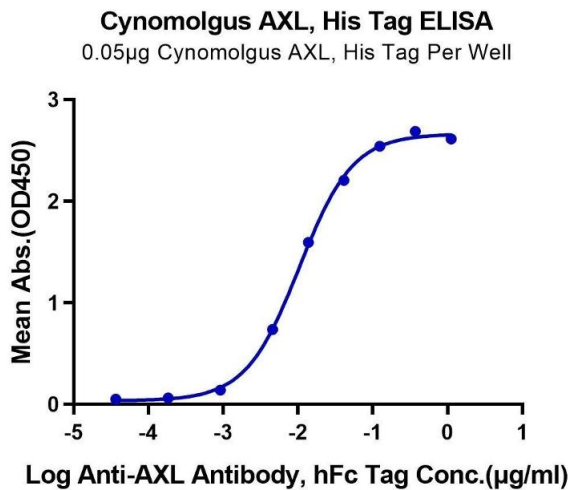
**ELISA**

**Image 1.** Immobilized Cynomolgus AXL, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-AXL Antibody, hFc Tag with the EC50 of 8.8 ng/mL determined by ELISA.



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

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



**ELISA**

**Image 3.** Immobilized Cynomolgus AXL, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-AXL Antibody, hFc Tag with the EC50 of 10.4 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7273880.