

Datasheet for ABIN7273886

AXL Protein (AA 20-445) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AXL
Protein Characteristics:	AA 20-445
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXL protein is labelled with His tag.

Product Details

Purpose:	Mouse AXL Protein
Sequence:	His20-Trp445
Characteristics:	Recombinant Mouse AXL Protein is expressed from HEK293 with His tag at the C-Terminus. It contains His20-Trp445.
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.

Target Details

Target:	AXL
Alternative Name:	AXL (AXL Products)

Target Details

Background:	Axl, a member of the TAM (Tyro3, 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:	47.8 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_033491
Pathways:	RTK Signaling , Cellular Response to Molecule of Bacterial Origin

Application Details

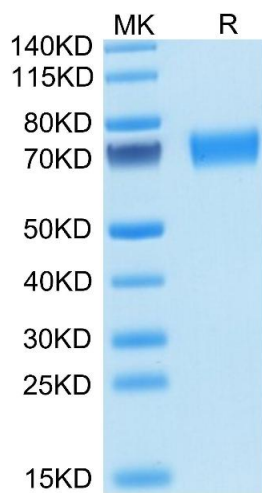
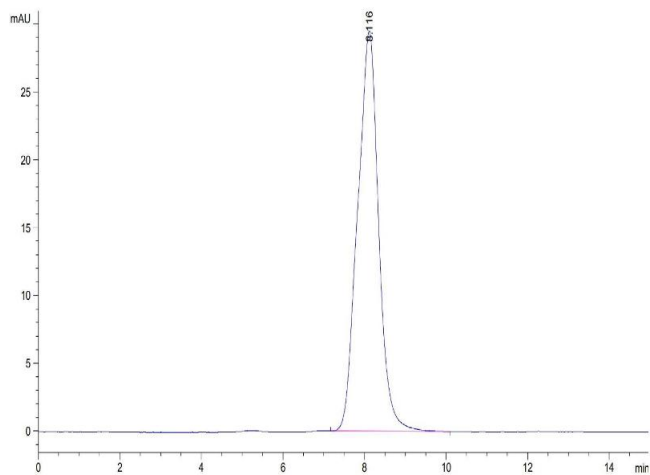
Restrictions:	For Research Use only
---------------	-----------------------

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse AXL is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse AXL on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .