



[Go to Product page](#)

Datasheet for ABIN7538141

AXL Protein (AA 19-443) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	AXL
Protein Characteristics:	AA 19-443
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXL protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse AXL protein with C-terminal 10xHis tag
Specificity:	Mouse AXL (Ala19-Pro443) 10xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	AXL
Alternative Name:	AXL (AXL Products)
Background:	Predicted to enable several functions, including phosphatidylinositol 3-kinase binding activity,

Target Details

phosphatidylserine binding activity, and virus receptor activity. Involved in negative regulation of apoptotic process and positive regulation of protein kinase B signaling. Acts upstream of or within several processes, including animal organ development, myeloid cell homeostasis, and negative regulation of tumor necrosis factor production. Predicted to be located in several cellular components, including actin cytoskeleton, cell surface, and host cell surface. Predicted to be part of receptor complex. Predicted to be integral component of plasma membrane. Is expressed in several structures, including alimentary system, brain, genitourinary system, respiratory system, and visual system. Human ortholog(s) of this gene implicated in type 2 diabetes mellitus. Orthologous to human AXL (AXL receptor tyrosine kinase). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 47.8 kDa after removal of the signal peptide. The apparent molecular mass of mAXL-His is 55-70 kDa due to glycosylation.

UniProt: [Q00993](#)

Pathways: [RTK Signaling, Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Restrictions: For Research Use only

Handling

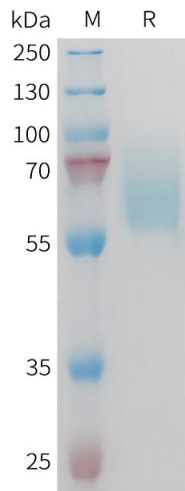
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse AXL Protein, His Tag on SDS-PAGE under reducing condition.