



[Go to Product page](#)

Datasheet for ABIN7538142

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

1 Image

Overview

Quantity:	50 µg
Target:	AXL
Protein Characteristics:	AA 33-449
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXL protein is labelled with His tag.

Product Details

Purpose:	Recombinant Cynomolgus AXL protein with C-terminal 10xHis tag
Specificity:	AXL (Glu33-Pro449) 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:	The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine

Target Details

kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. The encoded protein acts as a host cell receptor for multiple viruses, including Marburg, Ebola and Lassa viruses and is a candidate receptor for the SARS-CoV2 virus. [provided by RefSeq, Sep 2021]

Molecular Weight: predicted molecular mass of 46.5 kDa after removal of the signal peptide. The apparent molecular mass of cAXL-His is 55-70 kDa due to glycosylation.

UniProt: [A0A2K5WXE0](#)

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

Application Details

Restrictions: For Research Use only

Handling

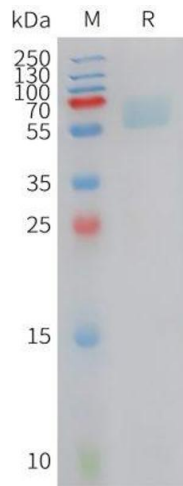
Format: Lyophilized

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. Cynomolgus AXL Protein, His Tag on SDS-PAGE under reducing condition.