

Human Axl Kinase Protein (ECD, His Tag), Endotoxin-Free

Catalog Number: 10279-H08H-UE



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

ARK, AXL3, JTK11, Tyro7, UFO

Protein Construction:

A DNA sequence encoding the extracellular domain of human AXL isoform 1 (AAB20305.1) extracellular domain (Met1-Pro449) was fused with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: ≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC. ≥ 90 % as determined by SEC-MALS (Routinely tested).

Bio Activity:

1. Immobilized Recombinant Human Axl Kinase Protein (ECD, His Tag) (Cat: 10279-H08H-UE) at 0.25 µg/mL (100 µL/well) can bind biotinylated Recombinant Mouse GAS6 Protein (His Tag), the EC₅₀ is 1-3 ng/mL (Routinely tested).

2. Recombinant Human Axl Kinase Protein (ECD, His Tag) (Cat: 10279-H08H-UE) immobilized on CM5 chip, can bind Recombinant Human GAS6 Protein (His Tag) (Cat: 13170-H07H3) with an affinity constant of 4.388 nM as determined in an SPR assay (Biacore T200) (Routinely tested).

Endotoxin:

< 0.5 EU per mg protein.

Predicted N terminal: Glu 33

Molecular Mass:

The secreted recombinant human AXL consists of 428 amino acids after removal of the signal peptide and predicts a molecular mass of 46.5 kDa. As a result of glycosylation, the band migrates approximately 70-75 kDa in the SDS-PAGE under reducing conditions. The molecular weight of this protein is around 60.7 kDa verified by SEC-MALS (Routinely tested).

Formulation:

Supplied as sterile PBS, pH 7.4.

Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

