

AXL Protein, Mouse (HEK293, His-Fc)

Cat. No.:	HY-P74406
Synonyms:	Tyrosine-protein kinase receptor UFO; AXL oncogene; UFO
Species:	Mouse
Source:	HEK293
Accession:	NP_033491.2 (H20-P443)
Gene ID:	26362
Molecular Weight:	95-120 kDa

PROPERTIES

AA Sequence	<pre> HKDTQTEAGS P F V G N P G N I T G A R G L T G T L R C E L Q V Q G E P P E V V W L R D G Q I L E L A D N T Q T Q V P L G E D W Q D E W K V V S Q L R I S A L Q L S D A G E Y Q C M V H L E G R T F V S Q P G F V G L E G L P Y F L E E P E D K A V P A N T P F N L S C Q A Q G P P E P V T L L W L Q D A V P L A P V T G H S S Q H S L Q T P G L N K T S S F S C E A H N A K G V T T S R T A T I T V L P Q R P H H L H V V S R Q P T E L E V A W T P G L S G I Y P L T H C N L Q A V L S D D G V G I W L G K S D P P E D P L T L Q V S V P P H Q L R L E K L L P H T P Y H I R I S C S S S Q G P S P W T H W L P V E T T E G V P L G P P E N V S A M R N G S Q V L V R W Q E P R V P L Q G T L L G Y R L A Y R G Q D T P E V L M D I G L T R E V T L E L R G D R P V A N L T V S V T A Y T S A G D G P W S L P V P L E P W R P G Q G Q P L H H L V S E P P P R A F S W P </pre>
Biological Activity	Immobilized AXL at 2 µg/mL (100 µL/well) can bind Biotinylated GAS6 protein. The ED ₅₀ for this effect is 9.284 ng/mL, corresponding to a specific activity is 1.08×10 ⁵ Unit/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

AXL protein is predicted to play a crucial role in various cellular functions, including phosphatidylinositol 3-kinase binding activity, phosphatidylserine binding activity, and virus receptor activity. Involved in negative regulation of apoptotic processes and positive regulation of protein kinase B signaling, AXL acts upstream of diverse processes such as animal organ development, myeloid cell homeostasis, and negative regulation of tumor necrosis factor production. Predicted to be located in cellular components like the actin cytoskeleton, cell surface, and host cell surface, AXL is expected to be an integral component of the plasma membrane and part of a receptor complex. With broad expression observed in various structures such as the alimentary system, brain, genitourinary system, respiratory system, and visual system, AXL likely plays a crucial role in numerous physiological processes across different tissues.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA