

Axl Kinase Recombinant Protein | Axl recombinant protein

Recombinant Mouse Axl Kinase Protein (His & Fc tag)

CATALOG #
AAA173595

HOST
Human Cells

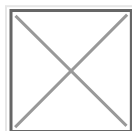
PRODUCT SYNONYMS

Axl Kinase; Recombinant Mouse Axl Kinase Protein (His & Fc tag); AI323647; Ark; Tyro7; Ufo; Axl recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 90 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% mannitol, 0.01% Tween-80
Source	Mouse
Predicted N Terminal	His 20
Protein Construction	A DNA sequence encoding the extracellular domain (Met 1-Pro 443) of mouse AXL (NP_033491.2) precursor was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Endotoxin	< 1.0 EU per mug of the protein as determined by the LAL method
Molecular Mass	The recombinant mouse AXL/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 672 amino acids and has a predicted molecular mass of 74.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmAXL/Fc monomer is approximately 100-110 kDa due to glycosylation.
Reconstitution	It is recommended that sterile water (400uL) be added to vial to prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis
Preparation and Storage	Storage: Store 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. Stability: Samples are stable for up to 12 months from date of receipt at -70°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Axl recombinant protein	Axl receptor tyrosine kinase, together with Tyro3 and Mer, constitute the TAM family of receptor tyrosine kinases. In the nervous system, Axl and its ligand Growth-arrest-specific protein 6 (Gas6) are expressed on multiple cell type s. Axl functions in dampening the immune response, regulating cytokine secretion, clearing apoptotic cells and debris, and maintaining cell survival. Axl is upregulated in various disease states, such as in the cuprizone toxicity-induced model of demyelination and in multiple sclerosis (MS) lesions, suggesting that it plays a role in disease pathogenesis. Axl expression correlates with poor prognosis in several cancers. Axl mediates multiple oncogenic phenotype s and activation of these RTKs constitutes a mechanism of chemoresistance in a variety of solid tumors. Axl contributes to cell survival, migration, invasion, metastasis and chemosensitivity justify further investigation of Axl as novel therapeutic targets in cancer. The receptor tyrosine kinase AXL is thought to play a role in metastasis. The soluble AXL receptor as a therapeutic candidate agent for treatment of metastatic ovarian cancer. GAS6/AXL targeting as an effective strategy for inhibition of metastatic tumor progression in vivo.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542164
NCBI GeneID	26362
NCBI Accession #	NP_033491.2
NCBI GenBank Nucleotide #	NM_009465.4
UniProt Accession #	Q00993; Q80YQ3
Molecular Weight	98,191 Da
NCBI Official Full Name	tyrosine-protein kinase receptor UFO isoform 1
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	Axl
NCBI Official Synonym Symbols	Ark; Ufo; Tyro7; AI323647
NCBI Protein Information	tyrosine-protein kinase receptor UFO
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	Axl
UniProt Synonym Gene Names	Ark; Ufo

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/axl-recombinant-protein-human-cells/173595>