PRODUCT INFORMATION

Target	AXL
Synonyms	ARK; UFO; AXL3; JTK11; Tyro7
Description	Recombinant human AXL(129-226) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P30530
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	AXL(Gln129-Gln226) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 36.5 kDa after removal of the signal peptide. The apparent molecular mass of AXL(129-226)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine 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]
Usage	Research use only
Conjugate	Unconjugated

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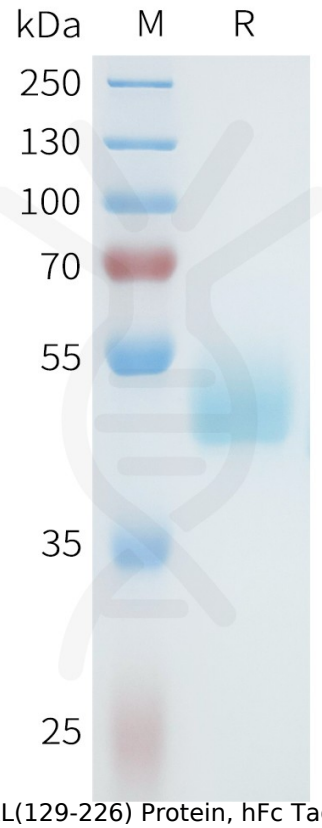


Figure 1. Human AXL(129-226) Protein, hFc Tag on SDS-PAGE under reducing condition.

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