HUMAN AXL PROTEIN, HFC TAG

Cat.#: 11332
Product Name: Human AXL Protein
Size : 10 μg, 50 μg and 100 μg
Synonyms: AXL;FO
Target: AXL
UNIPROT ID: P30530
Description: Recombinant Human AXL with C-terminal human Fc tag
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. Alternative splicing results in multiple transcript variants of this gene.
Species/Host: HEK293
Molecular Weight: The protein has a predicted molecular mass of 71.9 kDa after removal of the signal peptide.The apparent molecular mass of AXL-hFc is approximately 100-130 kDa due to glycosylation.
Molecular Characterization: AXL(Ala26-Pro449) hFc(Glu99-Ala330)
Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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.

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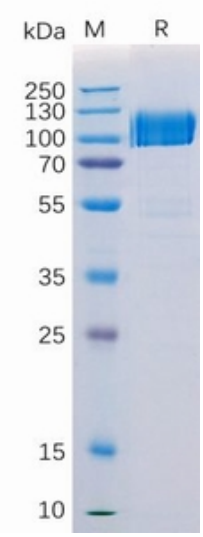

Figure 1. Human AXL Protein, hFc Tag on SDS-PAGE under reducing condition.

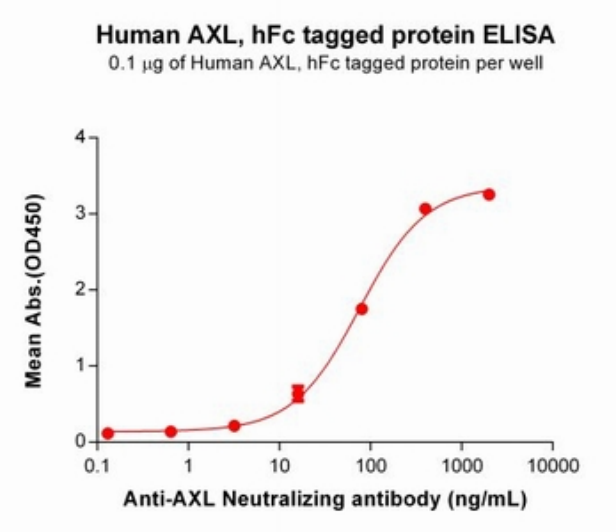

Figure 2. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human AXL, hFc tagged protein (11332) can bind Anti-AXL Neutralizing Antibody 28042 in a linear range of 0.64-80.0 ng/ml.

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