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32-18470: Cynomolgus AXL Protein, His Tag

Uniprot ID : A0A2K5WXE0
Alternative Name : ARK; UFO; AXL3; JTK11; Tyro7

Description

Description : Recombinant Cynomolgus AXL protein with C-terminal 10Ã—His 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. 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.
Molecular Characterization: mass of 46.5 kDa after removal of the signal peptide. The apparent molecular mass of cAXL-His is approximately 55-70 kDa due to glycosylation.
Tag :C-10Ã—His tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

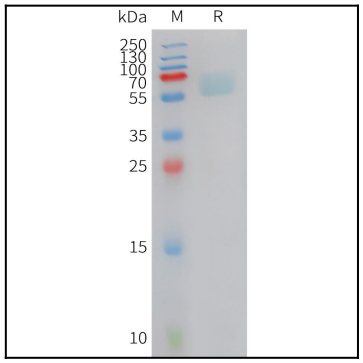

Figure 1. Cynomolgus AXL Protein, His Tag on SDS-PAGE under reducing condition.