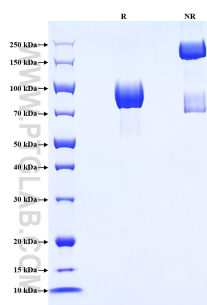


Recombinant Human AXL protein (rFc Tag)

Catalog Number: Eg1618

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human AXL protein Glu33-Pro449 (Accession# P30530-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 558</p> <p>Accession: P30530-1</p> <p>Predicted Molecular Mass: 71.4 kDa</p> <p>SDS-PAGE: 75-110 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Axl, also known as Ufo or Ark, is a receptor tyrosine kinase of the TAM (Tyro3, Axl and Mer) family. Axl is a single-pass type I membrane protein containing two fibronectin type-III domains, two Ig-like C2-type domains and one protein kinase domain. Axl mRNA is widely expressed with highest levels in the heart and skeletal muscle. Gas6 has been identified as a ligand for human Axl. Gas6/Axl signaling plays a role in cell survival, cell proliferation, migration and differentiation. Activation of Axl induces a broad range of activities including platelet aggregation and thrombus formation, macrophage and dendritic cell phagocytosis of apoptotic cells, NK cell development from hematopoietic progenitor cells, and in vivo angiogenesis.</p>		
References	<ol style="list-style-type: none"> 1. Markus Lauter, et al. (2019) Cell Commun Signal. 17(1):59. 2. J M E M Cosemans, et al. (2010) J Thromb Haemost. 8(8):1797-808. 3. Il-Kyoo Park, et al. (2009) Blood. 113(11):2470-7. 4. Heather M Seitz, et al. (2007) J Immunol. 178(9):5635-42. 5. Sacha J Holland, et al. (2007) Cancer Res. 65(20):9294-303. 		
Synonyms	EC:2.7.10.1, Tyrosine-protein kinase receptor UFO, UFO		

Selected Validation Data



Purity of Recombinant Human AXL was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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