

Mouse AXL Protein

Cat. No. AXL-MM101



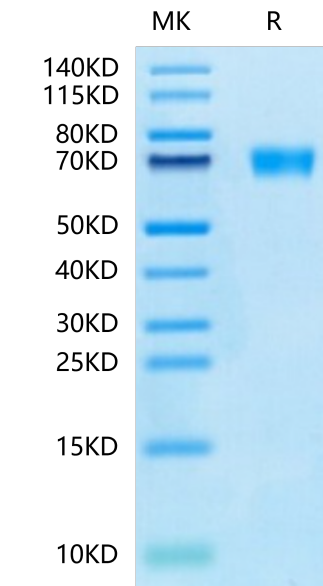
Description	
Source	Recombinant Mouse AXL Protein is expressed from HEK293 with His tag at the C-Terminus. It contains His20-Trp445.
Accession	NP_033491.2
Molecular Weight	The protein has a predicted MW of 47.8 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Axl, a member of the TAM (Tyr03, Axl, Mer) family, and its inhibitors can specifically break the kinase signaling nodes, allowing advanced patients to regain drug sensitivity with improved therapeutic efficacy. Overexpression and activation of Axl receptor tyrosine kinase have been widely accepted to promote cell proliferation, chemotherapy resistance, invasion, and metastasis in several human cancers, such as lung, breast, and pancreatic cancers.	

Assay Data

Bis-Tris PAGE



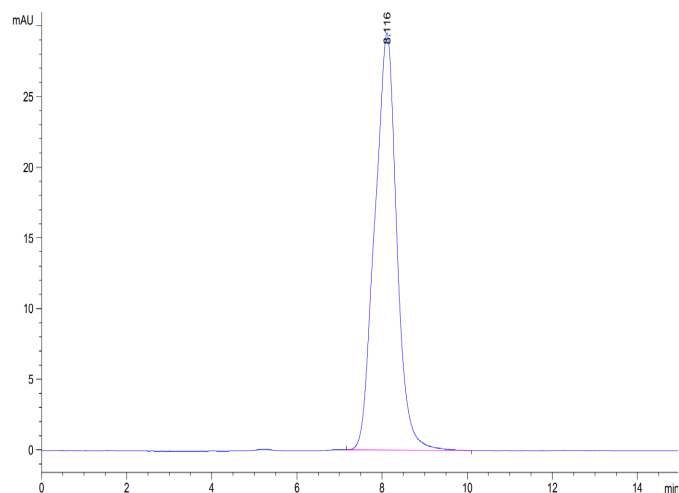
Mouse AXL on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Mouse AXL Protein

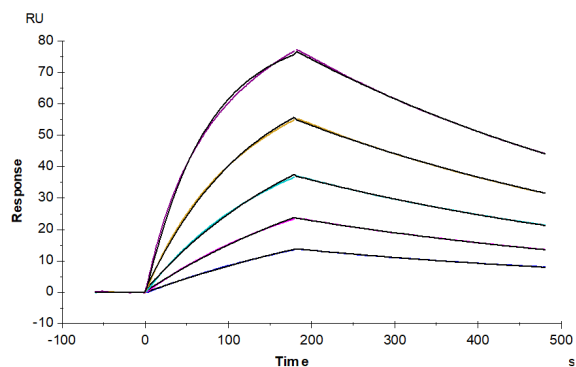
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Assay Data



The purity of Mouse AXL is greater than 95% as determined by SEC-HPLC.

SPR Data



Mouse AXL, His Tag immobilized on CM5 Chip can bind Mouse GAS6, His Tag with an affinity constant of 15.62 nM as determined in SPR assay (Biacore T200).