

Recombinant Human AXL protein, His-tagged

Cat. No. AXL-770H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AXL protein (Ala26-Pro449), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	424
Description	<p>AXL Receptor Tyrosine Kinase is also known as Tyrosine-protein kinase receptor UFO, which belongs to the protein kinase superfamily, Tyr protein kinase family and AXL/UFO subfamily. AXL contains two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains and one protein kinase domain. AXL is highly expressed in metastatic colon tumors. AXL is activated by GAS6-binding and subsequent autophosphorylation. AXL is involved in signal transduction from the extracellular matrix into the cytoplasm by binding growth factors, and thus implicated in the stimulation of cell proliferation.</p>
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 46.6 kDa. The protein migrates as 60-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	<p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 centigrade to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.</p>
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

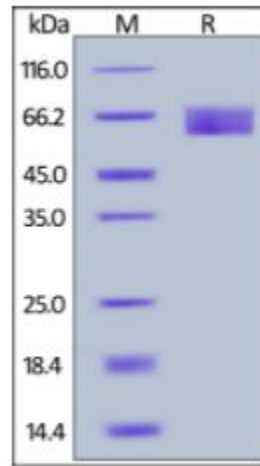
Gene Name	AXL
Official Symbol	AXL
Synonyms	AXL; AXL receptor tyrosine kinase; tyrosine-protein kinase receptor UFO; JTK11; UFO; AXL oncogene; oncogene AXL; AXL transforming sequence/gene
Gene ID	558
mRNA Refseq	NM_001699
Protein Refseq	NP_001690
MIM	109135
UniProt ID	P30530

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**SDS-PAGE of AXL-
770H**



Human Axl, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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