

## Recombinant Human AXL protein, His-tagged

**Cat. No.** AXL-9382H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AXL protein(NP_001265528.1)(Gly29~Met269) is expressed from E. coli with a N-terminal His Tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly29~Met269
<b>Description</b>	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.
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
<b>Molecular Mass</b>	30kDa as determined by SDS-PAGE reducing conditions.
<b>AA Sequence</b>	GTQAEESPFVGNPGNITGARGLTGTLRCQLQVQGEPPEVHWLRDGGQILELADSTQT QVPLGEDEQDDWIVVSQLRITSLQLSDTGQYQCLVFLGHQTFVVSQPGYVGLGLPY FLEPEDRTVAANTPFNLSCQAQGPPEPVDLLWLQDAVPLATAPGHGPPQRSLHVP

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	LNKTSSFSCAEAHNAKGVTTSRTATITVLPQQPRNLHLVSRQPTELEVAWTPGLSGIY PLTHCTLQAVLSDDGM
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
<b>Notes</b>	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200g/mL
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name** [AXL AXL receptor tyrosine kinase\[Homo sapiens \(human\)\]](#)

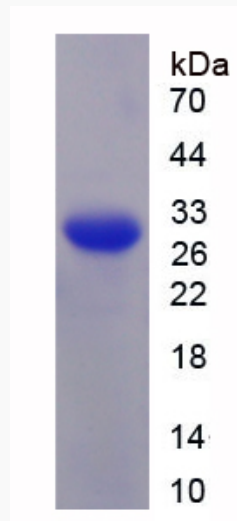
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<b>Official Symbol</b>	<a href="#">AXL</a>
<b>Synonyms</b>	UFO; JTK11; Tyrosine-protein kinase receptor UFO
<b>Gene ID</b>	<a href="#">558</a>
<b>mRNA Refseq</b>	<a href="#">NM_001278599.2</a>
<b>Protein Refseq</b>	<a href="#">NP_001265528.1</a>
<b>MIM</b>	<a href="#">109135</a>
<b>UniProt ID</b>	<a href="#">P30530</a>

**SDS-PAGE of AXL-9382H**



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