

Active Recombinant Human AXL, Fc-tagged

Cat. No. AXL-538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human AXL-Fc fusion is expressed as a 650 amino acid protein consisting of Ala26 - Ser447 region of AXL and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	26-447 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier free).
Bio-activity	Interacts with human Gas6 and inhibits Gas6/AXLmediated signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 71.1; Estimated by SDS-PAGE under reducing condition (kDa): 80-90
AA Sequence	<pre> APRGTQAEESPFVGNPGNITGARGLTGTLRCQLQVQGEPPEVHWLRDQGILELADS TQTQVPLGEDEQDDWIVV SQLRITSLQLSDTGQYQCLVFLGHQTFVSQPGYVGLG LPYFLEEPEDRTVAANTPFNLSCQAQGPPEPVDLLW LQDAVPLATAPGHGPRSL HVPGLNKTSSFSCEAHNAKGVTTSTRATITVLPQQPRNLHLVSRQPTELEVAWTP G LSGIYPLTHCTLQAVLSDDGMGIQAGEPDPPEEPLTSQASVPPHQLRLGSLHPHTPY HIRVACTSSQGPSSWT HWLPVETPEGVPLGPPENISATRNGSQAFVHWQEPRAPL QGTLGRLAYQGQDTPVELMDIGLRQEVTLELQ GDGSVSNLTVCAAYTAAGDG PWSLPVPLEAWRPGQAQPVHQLVKEPSTPAFSSTGHTHTCPPCPAPPELLGGPSV FL </pre>

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FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS
 TYRVVSVLTVLHQDWL NGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
 EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPE NNYKTTTPVLDSGDGSFFLYSKLT
 VDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

Endotoxin <0.1 eu per 1 µg of purified recombinant protein determined by the

Purity >95% judged by SDS-PAGE under reducing condition

Storage The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

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

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](#)

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UniProt ID	P30530
Chromosome Location	19q13.1
Function	ATP binding; nucleotide binding; protein heterodimerization activity; receptor activity; transmembrane receptor protein tyrosine kinase activity;

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