

Recombinant Human AXL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AXL-5599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AXL MS Standard C13 and N15-labeled recombinant protein (NP_068713) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	98.2 kDa
AA Sequence	MAWRCPRMGRVPLAWCLALCGWACMAPRGTQAEESPFVGNPGNITGARGLTGTL RCQLQVQGEPPEVHWLRDGGQILELADSTQTQVPLGEDEQDDWIVVSQLRITSLQLS DTGQYQCLVFLGHQTFVSQPGYVGLEGLPYFLEEPEDRTVAANTPFNLSCQAQGPP EPVDLLWLQDAVPLATAPGHGPQRSLHVPGLNKTSSFSCEAHNAKGVTTSRTATITV LPQQPRNLHLVSRQPTELEVAWTPGLSGIYPLTHCTLQAVLSDDGMGIQAGEPDPP

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EEPLTSQASVPPHQLRLGSLHPHTPYHIRVACTSSQGPSSWTHWLPVETPEGVPLG
 PPENISATRNGSQAFVHWQEPRAPLQGTLLGYRLAYQGQDTPEVLMDIGLRQEVTL
 ELQGDGSVSNLTVCAAYTAAGDGPWSLPVPLEAWRPGQAQPVHQLVKEPSTPAF
 SWPWWYVLLGAVVAAACVLILALFLVHRRKKETRYGEVFEPTVERGELVVRYRVRK
 SYSRRTTEATLNSLGISEELKEKLRDVMVDRHKVALGKTLGEGEFGAVMEGQLNQD
 DSILKVAVKTMKIAICTRSELEDFLSEAVCMKEFDHPNVMRLIGVCFQGSERESFPAP
 VVILPFMKHGDLSFLLYSRLGDQPVYLPTQMLVKFMADIASGMEYLSTKRFIHRDLA
 ARNCMLNENMSVCVADFGLSKKIYNGDYRQGRIAKMPVKWIAIESLADRVYTSKSD
 VWSFGVTMWEIATRGQTPYPGVENSEIYDYLRRGNRLKQPADCLDGLYALMSRCW
 ELNPQDRPSFTELREDLENTLKAALPPAQEPDEILYVNMDEGGGYPEPPGAAGGADP
 PTQDPKDCSCSLTAAEVHPAGRYVLCPSSTTPSPAQPADRGSPAAPGQEDGATRT
 RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol AXL

Synonyms AXL; AXL receptor tyrosine kinase; tyrosine-protein kinase receptor UFO; JTK11;

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UFO; AXL oncogene; oncogene AXL; AXL transforming sequence/gene;

Gene ID 558

mRNA Refseq NM_021913

Protein Refseq NP_068713

MIM 109135

UniProt ID P30530

SDS-PAGE



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