

Recombinant Human AXL protein, GST-tagged

Cat. No. AXL-1049H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AXL full-length ORF (AAH32229.1, 1 a.a. - 894 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2013]
Molecular Mass	124.8 kDa
AA Sequence	MAWRCPRMGRVPLAWCLALCGWACMAPRGTQAEESPFVGNPGNITGARGLTGTL RCQLQVQGEPPEVHWLRDGGQILELADSTQTQVPLGEDEQDDWIVVSQLRITSLQLS DTGQYQCLVFLGHQTFVSQPGYVGLEGLPYFLEEPEDRTVAANTPFNLSCQAQGPP EPVDLLWLQDAVPLATAPGHGPQRSLHVPGLNKTSSFSCEAHNAKGVTTSRTATITV LPQQPRNLHLVSRQPTELEVAWTPGLSGIYPLTHCTLQAVLSDDGMGIQAGEPDPP EEPLTSQASVPPHQLRLGSLHPHTPYHIRVACTSSQGPSSWTHWLPVETPEGVPLG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PPENISATRNGSQAFVHWQEPRAPLQGTLLGYRLAYQGQDTPEVLMDIGLRQEVTL
 ELQGDGSVSNLTVCVAAAYTAAGDGPWSLPVPLEAWRPGQAQPVHQLVKEPSTPAF
 SWPWWYVLLGAVVAAACVLILALFLVHRRKKETRYGEVFEPTVERGELVVRYRVRK
 SYSRRTTEATLNSLGISEELKEKLRDVMVDRHKVALGKTLGEGEFGAVMEGQLNQD
 DSILKVAVKTMKIAICTRSELEDFLSEAVCMKEFDHPNVMRLIGVCFQGSERESFPAP
 VVILPFMKHGDLSFLLYSRLGDQPVYLPTQMLVKFMADIASGMEYLSTKRFIHRDLA
 ARNCMLNENMSVCVADFGLSKKIYNGDYRQGRIAKMPVKWIAIESLADRVYTSKSD
 VWSFGVTMWEIATRGTPTYPGVENSEIYDYLRRGNRLKQPADCLDGLYALMSRCW
 ELNPQDRPSFTELREDLENTLKAIPPAQEPDEILYVNMDEGGGYPEPPGAAGGADP
 PTQDPKDCSCLTAAEVHPAGRYVLCPTTPSPAQPADRGSPAAPGQEDGA

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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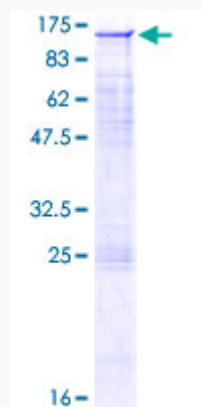
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mRNA Refseq NM_001699

Protein Refseq NP_001690

MIM 109135

UniProt ID P30530



12.5% SDS-PAGE Stained with Coomassie Blue.

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