Recombinant Full Length Human AXL Protein, GST-tagged

Cat. No. AXL-1536HF **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	In Vitro Cell Free System
ProteinLength	894 amino acids
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	MAWRCPRMGR VPLAWCLALC GWACMAPRGT QAEESPFVGN PGNITGARGL TGTLRCQLQV QGEPPEVHWL RDGQILELAD STQTQVPLGE DEQDDWIVVS QLRITSLQLS DTGQYQCLVF LGHQTFVSQP GYVGLEGLPY FLEEPEDRTV AANTPFNLSC QAQGPPEPVD LLWLQDAVPL ATAPGHGPQR SLHVPGLNKT SSFSCEAHNA KGVTTSRTAT ITVLPQQPRN LHLVSRQPTE LEVAWTPGLS

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	GIYPLTHCTL QAVLSDDGMG IQAGEPDPPE EPLTSQASVP PHQLRLGSLH PHTPYHIRVA CTSSQGPSSW THWLPVETPE GVPLGPPENI SATRNGSQAF VHWQEPRAPL QGTLLGYRLA YQGQDTPEVL MDIGLRQEVT LELQGDGSVS NLTVCVAAYT AAGDGPWSLP VPLEAWRPGQ AQPVHQLVKE PSTPAFSWPW WYVLLGAVVA AACVLILALF LVHRRKKETR YGEVFEPTVE RGELVVRYRV RKSYSRRTTE ATLNSLGISE ELKEKLRDVM VDRHKVALGK TLGEGEFGAV MEGQLNQDDS ILKVAVKTMK IAICTRSELE DFLSEAVCMK EFDHPNVMRL IGVCFQGSER ESFPAPVVIL PFMKHGDLHS FLLYSRLGDQ PVYLPTQMLV KFMADIASGM EYLSTKRFIH RDLAARNCML NENMSVCVAD FGLSKKIYNG DYYRQGRIAK MPVKWIAIES LADRVYTSKS DVWSFGVTMW EIATRGQTPY PGVENSEIYD YLRRGNRLKQ PADCLDGLYA LMSRCWELNP QDRPSFTELR EDLENTLKAL PPAQEPDEIL YVNMDEGGGY PEPPGAAGGA DPPTQPDPKD SCSCLTAAEV HPAGRYVLCP STTPSPAQPA DRGSPAAPGQ EDGA
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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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mRNA Refseq	NM_001699
Protein Refseq	NP_001690
MIM	109135
UniProt ID	P30530

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