

Product datasheet for **TP306431M**

AXL (NM_021913) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human AXL receptor tyrosine kinase (AXL), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC206431 representing NM_021913
Red=Cloning site **Green**=Tags(s)

MAWRCPRMGRVPLAWCLALCGWACMAPRGTQAEESPFVGNPGNITGARGLTGTLRCQLQVQGEPPVHWWL
RDGQILELADSTQTQVPLGEDEQDDWIVWSQLRITSLQLSDTGQYQCLVFLGHQTFVSQPGYVGLGLPY
FLEEPEDRTVAANTPFNLSCQAQGPPEPVDLLWLQDAVPLATAPGHGPPQRSRLHVPGLNKTSSFSCAHNA
KGVTTSRATITVLPQQPRNLHLVSRQPTELEVAWTPGLSGIYPLTHCTLQAVLSDDGMGIQAGEPDPE
EPLTSQASVPPHQLRLGSLHPHTPHYHIRVACTSSQGSSWTHWLPVETPEGVPLGPPENISATRNGSQAF
VHWQEPRAPLQGTLLGYRLAYQGQDTPEVLMDIGLRQEVTLLELQGDGVSNSLTVCAAYTAAGDGPWSLP
VPLEAWRPGQAQPVHQLVKEPSTPAFSWPWWYVLLGAVVAAACVLILALFLVHRRKKETRYGEVFPTVE
RGELVVRYRVRKSYSRRTTEATLNSLGISEELKEKLRDVMVDRHKVALGKTLGEGEFGAVMEGQLNQDSS
ILKVAVKTMKIAICTRSELEDFLSEAVCMKEFDHPNVMRLIGVCFQGSERESFPAPVILPFMKHGDLS
FLLYSRLGDQPVYLPTQMLVKFMADIASGMEYLSTKRFIHRDLAARNCMLNENMSVCVADFGLSKKIYNG
DYRQGRGRIAKMPVKWIAIESLADRVYTSKSDVWSFGVTMWEIATRGQTPYPGVENSEIYDLRRGNRLKQ
PADCLDGLYALMSRCWELNPQDRPSFTELREDLNLTALPPAQEPDEILYVNMDEGGGYPEPPGAAGGA
DPPTQDPDKDSCSCLTAAEVHPAGRYVLCPTTSPAQPADRGSPAAPGQEDGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

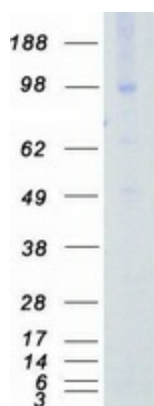
Tag: C-Myc/DDK
Predicted MW: 98.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_068713
Locus ID:	558
UniProt ID:	P30530
RefSeq Size:	5014
Cytogenetics:	19q13.2
RefSeq ORF:	2682
Synonyms:	ARK; JTK11; Tyro7; UFO
Summary:	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]
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane

Product images:



Coomassie blue staining of purified AXL protein (Cat# [TP306431]). The protein was produced from HEK293T cells transfected with AXL cDNA clone (Cat# [RC206431]) using MegaTran 2.0 (Cat# [TT210002]).