

Product datasheet for PH306431

AXL (NM_021913) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AXL MS Standard C13 and N15-labeled recombinant protein (NP_068713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206431
Predicted MW:	98.2 kDa
Protein Sequence:	>RC206431 representing NM_021913 Red=Cloning site Green=Tags(s)

MAWRCPRMGRVPLAWCLALCGWACMAPRGTAEESEPFVGNPGNITGARGLTGTLRCQLQVQGEPPPEVHWL
RDGQIILELADSTQTQVPLGEDEQDDWIIVVSQLRITSLQLSDTGQYQCLVFLGHQTFVSQPGYVGLGLPY
FLEEDPDRVAANTPFNLSCQAQGPPEVDLLWLQDAVPLATAPGHGPQRSLHVPGLNKTSSFCEAHNA
KGVTTSRATITVLPQQPRNLHLVSRQPTELEVAWTPGLSGIYPLTHCTLQAVLSDGMIQAGEPDPPE
EPLTSQASVPPHQLRLGSLHPHTPYHIRVACTSSQGPSSWTHWLPVETPEGVPLGPPENISATRNGSQAF
VHWQEPRAPLQGTLLGYRLAYQGQDTPPEVMDIGLRQEVTELELQGDGVSNSLTVCAAYTAAGDGPWSLP
VPLEAWRPGQAQPVHQLVKEPSTPAFSPWVWYVLLGAVVAAACVLILALFLVHRRKKETRYGEVFEPTVE
RGELVVRYRVRKSYSRRTEATLNSLGISEELKEKLRDVMVDRHKVALGKTLGEGEFGAVMEGQLNQDSS
ILKVAVKTMKIAICTRSELEDFLSEAVCMKEFDHPNVMRLIGVCFQGSERESFPAPVVILPFMKHGDLS
FLLYSRLGDQPYYLPTQMLVKFMADIASGMEYLSKRFIHRDLAARNCMLNENMSVCVADFGLSKKIYNG
DYRQGRGRIAKMPVKWIAIESLADRVTYSKSDVWSFGVTMWEIATRQTPYPGVENSEIYDYLRRGNRLKQ
PADCLDGLYALMSRCWELNPQDRPSFTELREDLENTLKKALPPAQEPDEILYVNMDEGGGYPEPPGAAGGA
DPPTQDPKDCSCLTAAEVHPAGRYVLCPSSTTPSPAQPADRGSPAAPGQEDGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_068713](#)

RefSeq Size: 5014

RefSeq ORF: 2682

Synonyms: ARK; JTK11; Tyro7; UFO

Locus ID: 558

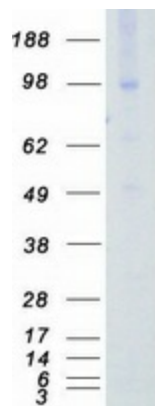
UniProt ID: [P30530](#)

Cytogenetics: 19q13.2

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]).