

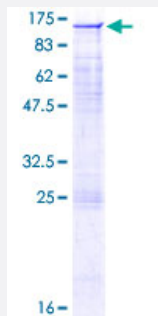
Full-Length

AXL (Human) Recombinant Protein (P01)

Catalog # H00000558-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human AXL full-length ORF (AAH32229.1, 1 a.a. - 894 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAWRCPRMGRVPLAWCLALCGWACMAPRGTAEESEPFVGNPGNITGARGLTGTLRCQLQVQG
EPPEVHWLRDGGQILELADSTQTQVPLGEDEQDDWVVSQRLRITSLQLSDTGQYQCLVFLGHQTFV
SQPGYVGLEGLPYFLEPEDRTVAANTPFNLSCQAQGPPEPVDLLWLQDAVPLATAPGHGPQR
SLHVPGLNKTSSFSCAHNAGVTTSTRTATITVLPQQPRNLHLVSRQPTELEVAWTPGLSGIPLT
HCTLQAVLSDDGMGIQAGEPDPPEEPLTSQASVPPHQLRLGSLHPHTPYHIRVACTSSQGPSSW
THWLPVETPEGVPLGPPENISATRNGSQAFVHWQEPAPLQGTLLGYRLAYQGQDTPEVLMDIGL
RQEVTLQLQGDGVSNSLTVCAAYTAAGDGPWSLPVPLEAWRPGQAQPVHQLVKEPSTPAFS
WPWWYVLLGAVVAAACVLILALFLVHRRKKETRYGEVFEPTEVERGELVVRYRVKSYSRRTEAT
LNSLGISEELKEKLRDVMVDRHKVALGKTLGEGEFGAVMEGQLNQDDSLKVAVKTMKIAICTRSE
LEDFLSEAVCMKEFDHPNVMRLIGVCFQGSERESFPAPVVILPFMKHGDLSFLLYSRLGDQPVY
LPTQMLVKFMADIASGMEYLSTKRFIHRDLAARNCMNLNENMSVCVADFGLSKKIYNGDYRQGRIA
KMPVKWIAIESLADRVYTSKSDVWSFGVTMWEIATRGQTPYPGVENSEIDYLRRGNRLKQPADC
LDGLYALMSRCWELNPQDRPSFTELREDLENTLKLPPAQEPDEILYNMDEGGGYPEPPGAAG
GADPPTQDPKDCSCLTAAEVHPAGRYVLCPTTPSPAQPADRGSPAAPGQEDGA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

124.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — AXL

Entrez GeneID	558
GeneBank Accession#	BC032229.1
Protein Accession#	AAH32229.1
Gene Name	AXL
Gene Alias	JTK11, UFO
Gene Description	AXL receptor tyrosine kinase
Omim ID	109135
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggregation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

AXL transforming sequence/gene|oncogene AXL

Disease

- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Stroke](#)