

## Product datasheet for **TP726621**

### Axl Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse AXL (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala19-Pro443
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Mouse Tyrosine-protein kinase receptor UFO is produced by our Mammalian expression system and the target gene encoding Ala19-Pro443 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	26362
UniProt ID:	<a href="#">Q00993</a>
Summary:	Axl, also known as Ufo and Ark, is a widely expressed 140 kDa glycoprotein in the TAM receptor tyrosine kinase family. Axl binds the vitamin K-dependent protein Gas6 which triggers tyrosine autophosphorylation of the Axl cytoplasmic domain. Axl functions in dampening the immune response, regulating cytokine secretion, clearing apoptotic cells and debris, and maintaining cell survival. Axl is highly expressed in solid cancers and promotes in vivo tumorigenesis and tumor cell invasiveness. It also functions as a cellular entry receptor for Gas6-opsonized lentiviruses. Axl contributes to cell survival, migration, invasion, metastasis and chemosensitivity justify further investigation of Axl as novel therapeutic targets in cancer. The receptor tyrosine kinase AXL is thought to play a role in metastasis. The soluble AXL receptor as a therapeutic candidate agent for treatment of metastatic ovarian cancer. GAS6/AXL targeting as an effective strategy for inhibition of metastatic tumor progression in vivo.



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