

Product datasheet for **TP726617**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human AXL (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala26-Pro440
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Tyrosine-protein kinase receptor UFO is produced by our Mammalian expression system and the target gene encoding Ala26-Pro440 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Tyrosine-protein kinase receptor UFO; AXL oncogene; UFO
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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