

RPES8335

Product Information

Product SKU:	RPES8335	Expression Host:	Mammalian	Size:	20µg
Tag:	C-Fc	Reactivity:	Human	Accession:	P30530

Additional Information

Calculated MW:	71.7 kDa	Observed MW:	90-100 kDa
Sequence:	Ala26–Trp451		

Protein Information

Background:	<p>Axl receptor tyrosine kinase , together with Tyro3 and Mer , constitute the TAM family of receptor tyrosine kinases. In the nervous system , Axl and its ligand Growth-arrest-specific protein 6 (Gas6) are expressed on multiple cell types. Axl functions in dampening the immune response , regulating cytokine secretion , clearing apoptotic cells and debris , and maintaining cell survival. Axl is upregulated in various disease states , such as in the cuprizone toxicity-induced model of demyelination and in multiple sclerosis (MS) lesions , suggesting that it plays a role in disease pathogenesis. Axl expression correlates with poor prognosis in several cancers. Axl mediates multiple oncogenic phenotypes and activation of these RTKs constitutes a mechanism of chemoresistance in a variety of solid tumors. 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.</p>
Synonyms:	JTK, Tyro, AXL, ARK, JTK11, Tyro7, UFO, AXL oncogene, Tyrosine-protein kinase receptor UFO
Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method

Contact Details | Dublin, Ireland**Email:** techsupport@assaygenie.com | **Web:** www.assaygenie.com

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Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.