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Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Kinase

Catalog No.: RP03395LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	558	P30530

Tags
N-Flag

Synonyms
AXL; UFO; AXL3; ARK; JTK11; Tyro7

Product Information

Source	Purification
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
51.2 kDa	50-60 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, 5% glycerol. (pH 8.0). Contact us for customized product form or formulation.

Reconstitution
Please use running water to thaw it quickly.

Contact

400-999-6126

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Background

Tyrosine-protein kinase receptor UFO is a protein that in human is encoded by the AXL gene. The gene was initially designated as UFO, in allusion to the unidentified function of this protein. AXL is a cell surface receptor tyrosine kinase, part of the TAM family of kinases including TYRO3 and MERTK. However, in the years since its discovery, research into AXL's expression profile and mechanism has made it an increasingly attractive target, especially for cancer therapeutics. In recent years, AXL has emerged as a key facilitator of immune escape and drug-resistance by cancer cells, leading to aggressive and metastatic cancers.

Basic Information

Description
Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (His464-Ala885) of Human AXL (Accession #P30530) fused with a N-Flag tag.

Bio-Activity
The activity of AXL is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.
Aliquots below 10 μL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.
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Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

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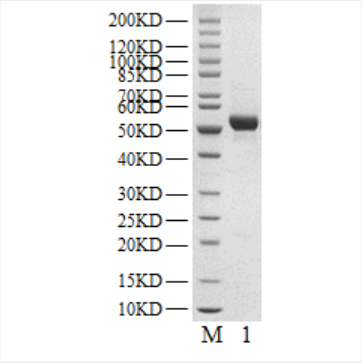
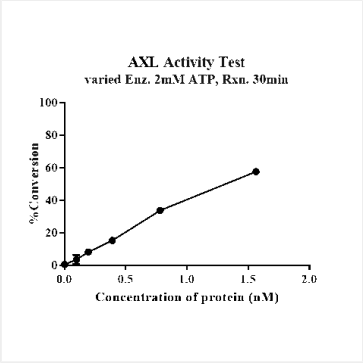
Validation Data



Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Kinase was resolved with SDS-PAGE under reducing (Lane 1) conditions.



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For research use only. Not for therapeutic or diagnostic purposes.
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