Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Kinase

Catalog No.: RP03395LQ

Sequence Information

Species
Human

Gene ID
558

Swiss Prot
P30530

Tags
N-Flag

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

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 90 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.

Calculated MW
51.2 kDa

Observed MW
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.

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.

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
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

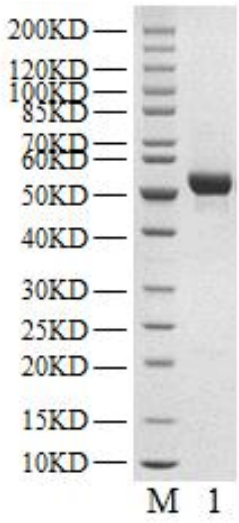
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

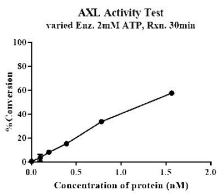
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Validation Data



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



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