Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein

Catalog No.: RP00087

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Sequence Information

Species	Gene ID
Human	558
Swiss Prot	**Tags**
P30530	C-His

Synonyms
AXL,ARK,JTK11,Tyro7,UFO

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
45.94 kDa	70-80 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The protein is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. Alternative splicing results in multiple transcript variants of this gene.

Basic Information

Description
Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Glu33-Pro449) of human Axl (Accession #NP_001690.2) fused with a 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Human AXL at 2 μg/mL (100 μL/well) can bind Human Gas6 with a linear range of 1.22-5.49 ng/mL.

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 -20℃

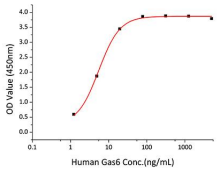
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

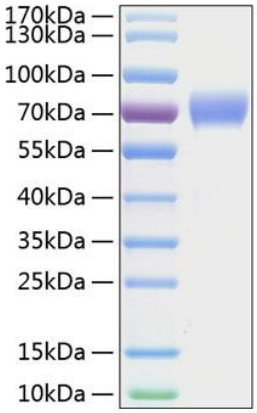
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Validation Data



Immobilized Human AXL at 2 μg/mL (100 μL/well) can bind Human Gas6 with a linear range of 1.22-5.49 ng/mL.



Recombinant Human Tyrosine-protein kinase receptor UFO/Axl Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.