Recombinant Human GAS6 (C-6His)

Catalog Number: PKSH033928

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

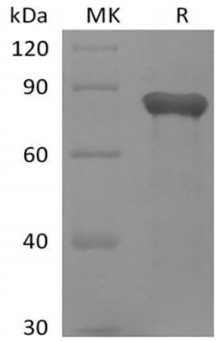
Description

Species	Human
Source	HEK293 Cells-derived Human GAS6 protein Ala31-Ala678, with an C-terminal His
Calculated MW	72.7 kDa
Observed MW	80-90 kDa
Accession	Q14393-2
Bio-activity	Immobilized Human AXL-His at 10μg/ml (100 μl/well) can bind Human GAS6-His : Biotinylated by NHS-biotin prior to testing. The ED_{50} of Recombinant Human GAS6-His is 0.04466 ug/ml.

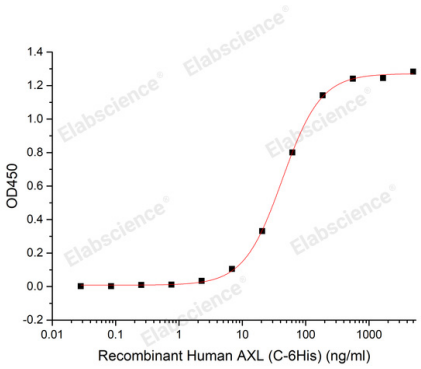
Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 10% Glycerol, pH 7.4.

Data



> 95 % as determined by reducing SDS-PAGE.



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Background

GAS6 (Growth arrest-specific protein 6) is also known as AXL receptor tyrosine kinase ligand, AXLLG, is a multimodular protein that is up-regulated by a wide variety of cell types in response to growth arrest. Gas6 binds and induces signaling through the receptor tyrosine kinases Axl, Dtk, and Mer whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses.

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