

GAS6 active protein

Recombinant Human GAS6 (C-6His)

CATALOG #
AAA177950

HOST
Human Cells

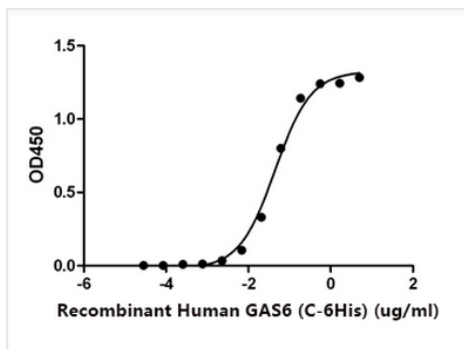
PRODUCT SYNONYMS

GAS6; Recombinant Human GAS6 (C-6His); AXLLG; AXLLGAXL stimulatory factor; AXSFAXL receptor tyrosine kinase ligand; Gas6; GAS-6; growth arrest-specific 6; growth arrest-specific protein 6; GAS6 active protein

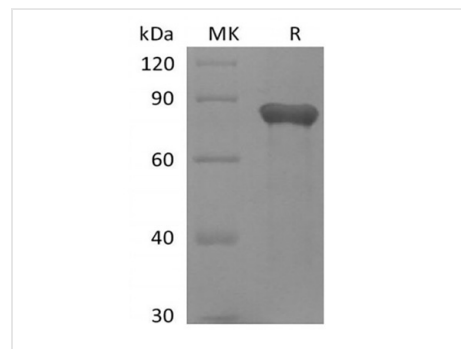
PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Supplied as a 0.2um filtered solution of PBS, 10% Glycerol, pH7.4.
Sequence	Ala31-Ala678
Species	Human
Tag	C-6His
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Human Growth Arrest-specific Protein 6 is produced by our Mammalian expression system and the target gene encoding Ala31-Ala678 is expressed with a 6His tag at the C-terminus.
Activity	Immobilized Human AXL-His at 10ug/ml (100ul/well) can bind Human GAS6-His* .*: Biotinylated by NHS-biotin prior to testing.The ED50 of Recombinant Human GAS6-His* is 0.04466 ug/ml.
Preparation and Storage	Store at < -20 degree C, stable for 6 months. Please minimize freeze-thaw cycles. This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs.Upon receipt, store it immediately at<-20 degree C.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GAS6 active protein	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.
Product Categories/Family for GAS6 active protein	Signal Transduction ; Cardiovascular ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557617
NCBI GeneID	2621
NCBI Accession #	NP_000811.1
NCBI GenBank Nucleotide #	NM_000820.2
UniProt Accession #	Q14393 ; Q6IMN1 ; Q7Z7N3 ; B3KRQ7 ; B3KVL4 ; E9PBL7
Molecular Weight	79,677 Da
NCBI Official Full Name	growth arrest-specific protein 6 isoform 1
NCBI Official Synonym Full Names	growth arrest-specific 6
NCBI Official Symbol	GAS6
NCBI Official Synonym Symbols	AXSF; AXLLG
NCBI Protein Information	growth arrest-specific protein 6; AXL stimulatory factor; AXL receptor tyrosine kinase ligand
UniProt Protein Name	Growth arrest-specific protein 6
UniProt Gene Name	GAS6
UniProt Synonym Gene Names	AXLLG; GAS-6
UniProt Entry Name	GAS6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.