

GAS6 Protein, Human (HEK293, His)

Cat. No.:	HY-P70780
Synonyms:	AXLLG; AXLLGAXL stimulatory factor; AXSFAXL receptor tyrosine kinase ligand; Gas6; GAS-6; growth arrest-specific 6; growth arrest-specific protein 6
Species:	Human
Source:	HEK293
Accession:	Q14393-2 (A31-A678)
Gene ID:	2621
Molecular Weight:	80-90 kDa

PROPERTIES

AA Sequence

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ALLPAREATQ   FLRPRQRRAF   QVFEEAKQGH   LERECVEELC
SREEAREVFE   NDPETDYFYP   RYLDCINKYG   SPYTKNSGFA
TCVQNLPDQC   TPNPCDRKGT   QACQDLMGNF   FCLCKAGWGG
RLCDKDVNEC   SQENGGCLQI   CHNKPGSFHC   SCHSGFELSS
DGRTCQDIDE   CADSEACGEA   RCKNLPGSYS   CLCDEGFAYS
SQEKACRDVD   ECLQGRCEQV   CVNSPGSYTC   HCDGRGGLKL
SQDMDTCEDI   LPCVPFVSAK   SVKSLYLGRM   FSGTPVIRLR
FKRLQPTRLV   AEFDFRTFDP   EGILLFAGGH   QDSTWIVLAL
RAGRLELQLR   YNGVGRVTS   GPVINHG MWQ   TISVEELARN
LVIKVNRDAV   MKIAVAGDLF   QPERGLYHLN   LTVGGIPFHE
KDLVQPINPR   LDGCMRSWNW   LNGEDTTIQE   TVKVNTRMQC
FSVTERGSFY   PGSGFAFYSL   DYMRTPLDVG   TESTWEVEVV
AHIRPAADTG   VLFALWAPDL   RAVPLSVALV   DYHSTKKLKK
QLVVLAVEHT   ALALMEIKVC   DGQEHVVTVS   LRDGEATLEV
DGTRGQSEVS   AAQLQERLAV   LERHLRSPVL   TFAGGLPDVP
VTSAPVTA FY   RGCMTLEVNR   RLLDLDEAAY   KHS D I T A H S C
PPVEPAAA
  
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Appearance Solution.

Formulation Supplied as a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution N/A

Storage & Stability Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping Shipping with dry ice.

DESCRIPTION

Background

GAS6, a ligand for tyrosine-protein kinase receptors AXL, TYRO3, and MER, is implicated in diverse cellular processes including cell growth, survival, adhesion, and migration. GAS6/AXL signaling contributes to endothelial cell survival under acidic conditions by preventing apoptosis, facilitates optimal cytokine signaling during human natural killer cell development, plays a role in hepatic regeneration, influences gonadotropin-releasing hormone neuron survival and migration, regulates platelet activation, and modulates thrombotic responses. Additionally, in microbial infections, GAS6 can act as a bridge between virus envelope phosphatidylserine and the TAM receptor tyrosine kinase Axl, facilitating viral entry through apoptotic mimicry. This unique function extends to its involvement in the entry processes of diverse viruses, including Dengue, Vaccinia, ebolavirus, and marburgvirus, highlighting the multifaceted roles of GAS6 in cellular and infectious contexts.

Caution: Product has not been fully validated for medical applications. For research use only.

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