Recombinant Human GAS6 (Ala31-Ala678), His-tagged

Cat. No. GAS6-622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mature human GAS6 (Ala31-Ala678)isoform 1 with 6 His tag on the N-Terminus was expressed in E.ColiThis protein was purified by Ni-NTA column.
Species	Human
Source	E.coli
ProteinLength	31-678 a.a.
Description	This gene product is a gamma-carboxyglutamic acid(Gla)-containing protein thought to be involved in the stimulation of cellproliferation, and may play a role in thrombosis. Alternatively splicedtranscript variants encoding different isoforms have been found for thisgene.
Formulation	Lyophilized 100ug human GAS6 in 50ul of, Carry free.
Application	ELISA
Molecular Weight	89.9KDa
Purity	>90%in SDS-PAGE gel PBS lyophilized.
Sequence	MatureForm of human GAS6 (Ala31-Ala678)

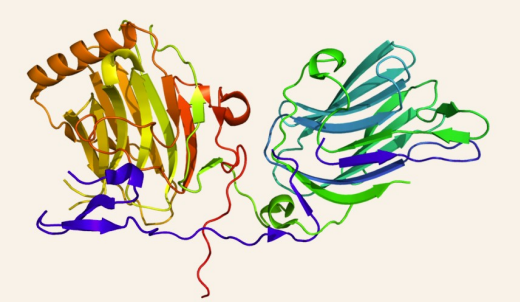
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Reconstitution	Add500ul deionized water to the vial to prepare a working stock solution at 200ug/mL.Allow to set at least 30 minutes at 4°C, mix well.
Storage	Storelyophilized protein at -20°C or -70°C. Lyophilized protein is stable for upto 6 months from date of receipt at -20°C to -70°C. Upon reconstitution, thisprotein can be stored at -20°C for a few weeks or at -70°C in a manual defrostfreezer for long term storage (six months). Aliquot reconstituted protein toavoid repeated freezing/thawing cycles.

GENE INFORMATION

Gene Name	GAS6 growth arrest-specific 6 [Homosapiens]
Official Symbol	GAS6
Synonyms	GAS6; GAS-6; growth arrest-specific 6; AXSF; AXLLG; FLJ34709;DKFZp666G247; growth arrest-specific protein 6; AXL stimulatory factor; AXLreceptor tyrosine kinase ligand; OTTHUMP00000018777
Gene ID	2621
mRNA Refseq	NM_000820
Protein Refseq	NP_000811
MIM	600441
UniProt ID	Q14393
Chromosome Location	13q34

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Pathway	Cellsurface interactions at the vascular wall; Gamma-carboxylation of proteinprecursors; Gamma-carboxylation, transport, and amino-terminal cleavage ofproteins; Hemostasis; Metabolism of proteins; PTM: gamma carboxylation,hypusine formation and arylsulfatase activation; Platelet activation,signaling and aggregation; Platelet degranulation; Post-translational proteinmodification; Removal of aminoterminal propeptides from gamma-carboxylatedproteins; Response to elevated platelet cytosolic Ca2+; Transport ofgamma-carboxylated protein precursors from the endoplasmic reticulum to theGolgi apparatus
Function	calciumion binding; receptor agonist activity; receptor binding; receptor tyrosinekinase binding
PDB rendering based on 1h30.	

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