

Recombinant Human GAS6 full-length, GST-tagged

Cat. No. GAS6-288TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAS6 full-length, GST-tagged (1 a.a. - 678 a.a) produced in wheat germ expression system contains GST-tag at N-terminal and is purified by proprietary chromatographic techniques.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the DNase family. The protein hydrolyzes DNA, is not inhibited by actin, and mediates the breakdown of DNA during apoptosis. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
Sequence of amino acids	MAPSLSPGPAALRRAPQLLLLLLAAECALAALLP AREATQFLRPRQRRAF QVFEEA KQGLERECVEELCSREEAREVFENDPETDYFYPRLDCINKY GSPYTKNSGFATC VQNLDPDQCTPNPCDRKGTQACQDLMGNTFFCLCKAG WGGRLCDKDVNECSQENG GCLQICHNKPGSFHCSCHSGFELSSDGRT CQDIDECADSEACGEARCKNLPGSYS CLCDEGFAYSSQEKACRDVDEC LQGRCEQVCVNSPGSYTCHCDGRGGLKLSQDM DTCEDILPCVPFSVAK SVKSLYLGRMFSGTPVIRLRFKRLQPTRLVAEFDFTFDPE GILLFAGGHQ DSTWIVLALRAGRLELQLRYNGVGRVTSSGPVINHGMWQTISVEEL ARNL VIKVNRDAVMKIAVAGDLFQPERGLYHLNLTVGGIPFHEKDLVQPINPRLD GC MRSWNWLNAGEDTTIQETVKVNTRMQCFSVTERGSFYPGSGFAFYSLD YMRTPLDV GTESTWEVEVVAHIRPAADTGVLFWAPDLRAVPLSVALVDY HSTKCLKKQLVVLA VEHTALALMEIKVCDGQEHVTVSLRDGEATLEVDGT RGQSEVSAAQLQERLAVLE

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RHLRSPVLTFAGGLPDVPVTSAPVTAFYRGC MTLEVNRRLDLDEAAYKHSDITAHS
CPPVEPAAA

Molecular Weight

101.3 kDa

Purification

Glutathione Sepharose 4 Fast Flow

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

[GAS6 growth arrest-specific 6 \[Homo sapiens \]](#)

Official Symbol

GAS6

Synonyms

GAS6; growth arrest-specific 6; AXLLG; growth arrest-specific protein 6; AXL
stimulatory factor; AXSF; DKFZp666G247; FLJ34709

Gene ID

2621

mRNA Refseq

NM_000820

Protein Refseq

NP_000811

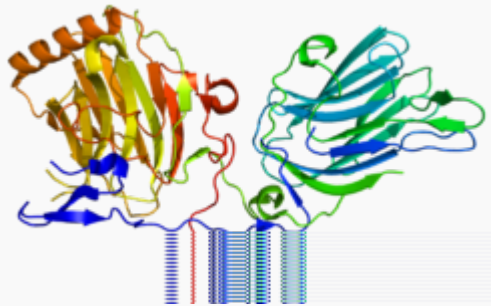
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UniProt ID	Q14393
Chromosome Location	13q34
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Gamma-carboxylation of protein precursors, organism-specific biosystem; Gamma-carboxylation, transport, and amino-terminal cleavage of proteins, organism-specific biosystem; Hemostasis, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem
Function	calcium ion binding; receptor agonist activity; receptor binding
PDB rendering based on 1h30.	

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