

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 KQGLERECVEELCSREEAREVFENDPETDYFYPRYLDCKINKY GSPYTKNSGFATC VQNLPDQCTPNPCDRKGTQACQDLMGNFFCLCKAG WGGRLCDKDVNECSQENG GCLQICHNKPFSFHCSCHSFGFELSSDGRT CQDIDECADSEACGEARCKNLPGSYS CLCDEGFAYSSQEKACRDVDEC LQGRCEQVCVNSPGSYTCHCDGRGGLKLSQDM DTCEDILPCVPFSVAK SVKSLYLGRMFSGTPVIRLRFKRLQPTRLVAEFDFRTFDPE GILLFAGGHQ DSTWIVLALRAGRLELQLRYNGVGRVTSSGPVINHGMWQTISVEEL ARNL VIKVNRDAVMKIAVAGDLFQPERGLYHLNLTVGGIPFHEKDLVQPINPRLD GC MRSWNWLNGEDTTIQETVKVNTRMQCFSVTERGSFYPGSGFAFYSLD YMRTPLDV GTESTWEVEVVAHIRPAADTGVLFAWAPDLRAVPLSVALVDY HSTKKLKKQLVLA VEHTALALMEIKVCDGQEHVTVSLRDGEATLEVDTGT RGQSEVSAAQLQERLAVLE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	RHLRSPVLTFAGGLPDVPVTSAPVTAFYRGC MTLEVNRRLLDLDEAAYKHSDITAHS 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
MIM	600441

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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.	