

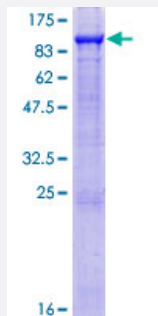
Full-Length

GAS6 (Human) Recombinant Protein (P01)

Catalog # H00002621-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GAS6 full-length ORF (NP_000811.1, 1 a.a. - 678 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPSLSPGPAALRRAPQLLLLLLAAECALAALLPAREATQFLRPRQRRAFQVFEEAKQGHLE
CVEELCSREEAREVFENDPETDYFYPRYDCINKYGSPTYTKNSGFATCVQNLDPDQCTPNPCDRK
GTQACQDLMGNFFCLCKAGWGGRLCDKDVNECSQENGGCLQICHNKPGSFHCSCHS GFELSS
DGRTQCQDIDECADSEACGEARCKNLPGSYSCLCDEGFAYSSQEKACRDVDECLQGRCEQVCV
NSPGSYTCHCDGRGGLKLSQDMDTCEDILPCVPFSVAKSVKSLYLGRMFSGTPVIRLRFKRLQPT
RLVAEFDRTFDPEGILLFAGGHQDSTWIVLALRAGRLELQLRYNGVGRVTSSGPVINHGMWQTIS
VEELARNLVIKVNDAVMKIAVAGDLFQPERGLYHLNLTVGGIPFHEKDLVQPINPRLDGCMRSWN
WLNGEDTTIQETVKVNTRMQCFVTERGSFYPGSGFAFYSLDYMRTPLDVGTESTWEVEVVAHIR
PAADTGVL FALWAPDLRAVPLSVALVDYHSTKKLKKQLVVLAVEHTALALMEIKVCDGQEHVTV
SLRDGEATLEVDGTRGQSEVSAAQLQERLAVLERHLRSPVLT FAGGLPDVPVTSAPVTA FYRGC
MTLEVNRRLLDLDEAAYKHSDITAHSCPPVEPAAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

101.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GAS6

Entrez GeneID	2621
GeneBank Accession#	NM_000820.1
Protein Accession#	NP_000811.1
Gene Name	GAS6
Gene Alias	AXLLG, AXSF, DKFZp666G247, FLJ34709
Gene Description	growth arrest-specific 6
Omim ID	600441
Gene Ontology	Hyperlink
Gene Summary	This gene product is a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation, and may play a role in thrombosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	AXL receptor tyrosine kinase ligand AXL stimulatory factor OTTHUMP00000018777

Publication Reference

- [Gas6 Promotes Microglia Efferocytosis and Suppresses Inflammation Through Activating Axl/Rac1 Signaling in Subarachnoid Hemorrhage Mice.](#)

Junjia Tang, Yichao Jin, Feng Jia, Tao Lv, Anatol Manaenko, Lin-Feng Zhang, Zeyu Zhang, Xin Qi, Yajun Xue, Bin Zhao, Xiaohua Zhang, John H Zhang, Jianfei Lu, Qin Hu.

Translational Stroke Research 2022 Nov; [Epub].

Application: Sub, Mouse, Mouse brain cortex

- [Targeting Tyro3 ameliorates a model of PGRN-mutant FTLTDP via tau-mediated synaptic pathology.](#)

Fujita K, Chen X, Homma H, Tagawa K, Amano M, Saito A, Imoto S, Akatsu H, Hashizume Y, Kaibuchi K, Miyano S, Okazawa H.

Nature Communications 2018 Jan; 9(1):433.

Application: PI, WB-Re, Recombinant protein

Disease

- [Angina Pectoris](#)
- [Brain Ischemia](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
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