

Recombinant Human GAS2 Protein, GST-tagged

Cat. No. GAS2-4733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAS2 full-length ORF (NP_005247.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a caspase-3 substrate that plays a role in regulating microfilament and cell shape changes during apoptosis. It can also modulate cell susceptibility to p53-dependent apoptosis by inhibiting calpain activity. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Molecular Mass	61.3 kDa
AA Sequence	MCTALSPKVRSGPGLSDMHQYSQWLASRHEANLLPMKEDLALWLTNLLGKEITAET FMEKLDNGALLCQLAETMQEKFKESMDANKPTKNLPLKKIPCKTSAPSGSFFARDNT ANFLSWCRDLGVDETCLFESEGLVLHKQPREVCLCLELGRIAARYGVEPPGLIKLE KEIEQEETLSAPSPSPSPSSKSSGKKSTGNLLDDAVKRISEDPPCKCPNKFVERLS QGRYRVGEKILFIRMLHNKHVMVRVGGGWETFAGYLLKHDPGRMLQISRVDGKTSP IQSKSPTLKDMNPDNYLVVSASYKAKKEIK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

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

GENE INFORMATION

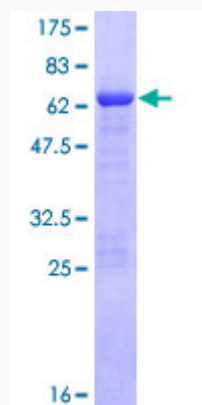
Gene Name	GAS2 growth arrest-specific 2 [Homo sapiens]
Official Symbol	GAS2
Synonyms	GAS2; growth arrest-specific 2; growth arrest-specific protein 2; GAS-2; MGC32610;
Gene ID	2620
mRNA Refseq	NM_001143830
Protein Refseq	NP_001137302
MIM	602835
UniProt ID	O43903

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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