

Recombinant Human GAS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GAS2-4237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GAS2 MS Standard C13 and N15-labeled recombinant protein (NP_001137302) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Alternative splicing results in multiple transcript variants.
Molecular Mass	34.9 kDa
AA Sequence	MCTALSPKVRSGPGLSDMHQYSQWLASRHEANLLPMKEDLALWLTNLLGKEITAET FMEKLDNGALLCQLAETMQEKFKESMDANKPTKNLPLKKIPCKTSAPSGSFFARDNT ANFLSWCRDLGVDETCLFESEGLVLHKQPREVCLCLELGRIAARYGVEPPGLIKLE KEIEQEETLSAPSPSPSPSSKSSGKKSTGNLLDDAVKRISEDPPCKCPNKFVERLS QGRYRVGEKILFIRMLHNKHVMVRVGGGWETFAGYLLKHDP CRMLQISRVDGKTSP IQSKSPTLKDMNPDNYLVVSASYKAKKEIKTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

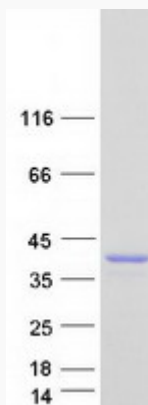
GENE INFORMATION

Gene Name	GAS2 growth arrest-specific 2 [Homo sapiens (human)]
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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SDS-PAGE

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