

## Product datasheet for **TP323624L**

### **GAS2 (NM\_005256) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human growth arrest-specific 2 (GAS2), transcript variant 1, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC223624 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MCTALSPKVRSGPGLSDMHQYSQWLASRHEANLLPMKEDLALWLTNLLGKEITAETFMEKLDNGALLCQL AETMQEKFKESMDANKPTKNLPLKKIPCKTSAPSGSFFARDNTANFLSWCRDLGVDCLFESEGLVLHK QPREVCLLLELGRIAARYGVEPPGLIKLEIEQEETLSAPSPSPSPSSKSSGKKSTGNLLDDAVKRIS EDPPCKCPNKFCVERLSQGRYRVGEKILFIRMLHNKHVMVRVGGGWETFAGYLLKHDP CRM LQISRVDGK TSPIQSKSPTLKDMNPDNYLVVSASYKAKKEIK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	34.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_005247</a></u>
<b>Locus ID:</b>	2620



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UniProt ID: [O43903](#)

RefSeq Size: 2031

Cytogenetics: 11p14.3

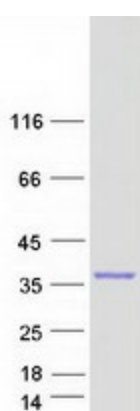
RefSeq ORF: 939

Synonyms: GAS-2

**Summary:** 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. [provided by RefSeq, May 2017]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified GAS2 protein (Cat# [TP323624]). The protein was produced from HEK293T cells transfected with GAS2 cDNA clone (Cat# [RC223624]) using MegaTran 2.0 (Cat# [TT210002]).