

## Product datasheet for TP305912L

### GAS2 (NM\_177553) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human growth arrest-specific 2 (GAS2), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205912 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MCTALSPKVRSGPGLSDMHQYSQWLASRHEANLLPMKEDLALWLTNLLGKEITAETFMEKLDNGALLCQL AETMQEKFKESMDANKPTKNLPLKKIPCKTSAPSGSFFARDNTANFLSWCRDLGVDCLFESEGLVLHK QPREVCLLLELGRIAARYGVEPPGLIKLEKEIEQEETLSAPSPSPSPSSKSSGKKSTGNLLDDAVKRIS EDPPCKCPNKFCVERLSQGRYRVGEKILFIRMLHNKHVMVRVGGGWETFAGYLLKHDP CRM LQISRVDGK TSPIQSKSPTLKDMNPDNYLVVSASYKAKKEIK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	34.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_808221</a></u>
Locus ID:	2620



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UniProt ID: [O43903](#)

RefSeq Size: 2182

Cytogenetics: 11p14.3

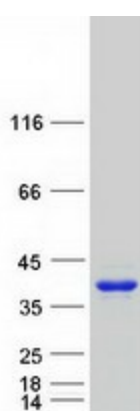
RefSeq ORF: 939

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# [TP305912]). The protein was produced from HEK293T cells transfected with GAS2 cDNA clone (Cat# [RC205912]) using MegaTran 2.0 (Cat# [TT210002]).