

## Product datasheet for TP504490

### Gas2 (NM\_008087) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse growth arrest specific 2 (Gas2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR204490 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MMCTALSPKVRSGPGLSDMHQYSQWLASRHEANLLPMKEDLALWLTNLLGKEITAETFMEKLDNGALLCQ  
LAATVQEKFKESMDANKPAKTLPLKKIPCKASAPSGSFFARDNTANFLSWCRDLGVDLCLFESEGLVLH  
KQPREVCLLLELGRIAARYGVEPPGLIKLEKEIEQEETLSAPSPSPSSKSSGKKSTGNLLDDAVKRI  
SEDPCKCPTKFCVERLSQGRYRVGEKILFIRMLHNKHVMVRVGGGWETFAGYLLKHDPICRMLQISRVDG  
KTSVPVQSKSPTLKDMNPDNYLVVSATYKAKKEIK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 35.4 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

**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 after receiving vials.

**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:** [NP\\_032113](#)

**Locus ID:** 14453

**UniProt ID:** [P11862](#)



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RefSeq Size: 2137

Cytogenetics: 7 32.87 cM

RefSeq ORF: 945

Synonyms: Gas-2

**Summary:** May play a role in apoptosis by acting as a cell death substrate for caspases. Is cleaved during apoptosis and the cleaved form induces dramatic rearrangements of the actin cytoskeleton and potent changes in the shape of the affected cells. May play a role in chondrocyte proliferation and differentiation, and in limb myogenesis. May be involved in the regulation of the apoptosis in the interdigital tissues of the developing hindlimb. May be involved in the membrane ruffling process.[UniProtKB/Swiss-Prot Function]