

Recombinant Human GEM, GST-tagged

Cat. No. GEM-13221H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GEM protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-296a.a.
Description	Growth arrest-specific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GEM GTP binding protein overexpressed in skeletal muscle [Homo sapiens]
Official Symbol	GEM

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Synonyms	GEM; GTP binding protein overexpressed in skeletal muscle; GTP-binding protein GEM; kinase inducible Ras like protein; KIR; RAS-like protein KIR; kinase-inducible Ras-like protein; GTP-binding mitogen-induced T-cell protein; GTP-binding protein overexpressed in skeletal muscle; MGC26294;
Gene ID	2669
mRNA Refseq	NM_005261
Protein Refseq	NP_005252
MIM	600164
UniProt ID	P55040
Chromosome Location	8q13-q21
Function	GDP binding; GTP binding; GTPase activity; calmodulin binding; magnesium ion binding; nucleotide binding; protein binding;