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℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA