



Recombinant Mouse Growth arrest-specific protein 1 (Gas1)

Product Code	CSB-EP009264MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q01721
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	LA HGRRLICWQA LLQCQGEPCD SYAYSQYAEA CAPVLAQRGG ADAPGPAGAF PASAASSPRW RCPSHCISAL IQLNHTRRGP ALEDCDCAQD EHCRSTKRAI EPCLPRTSSV GPGAGAGSVM GCTEARRRCD RDSRCNLALS RYLAYCGKLF NGLRCTDECR AVIEDMLAVP KAALLNDCVC DGLERPICES VKENMARLCF GPDASNGPGS SGSDDGLDDY YDEEYDDEQR AGAAGGEQPL DDDDGLARPG GGAAAAGGRG DLPHGPGRRS SSSGS
Source	E.coli
Target Names	Gas1
Protein Names	Recommended name: Growth arrest-specific protein 1 Short name= GAS-1
Expression Region	39-315
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.