



Recombinant Human Growth arrest-specific protein 2 (GAS2)

Product Code	CSB-EP009265HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43903
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MCTALSPKVR SGPGLSDMHQ YSQWLASRHE ANLLPMKEDL ALWLTNLLGK EITAETFMEK LDNGALLCQL AETMQEKFK E SMDANKPTKN LPLKKIPCKT SAPSGSFFAR DNTANFLSWC RDLGVD ETC L FESEGLVLHK QPREVCLCLL ELGRIAARYG VEPPGLIKLE KEIEQEETLS APSPSPSPSS KSSGKKSTGN LLDDAVKRIS EDPPCKCPNK FCVERLSQGR YRVGEKILFI RMLHNKHVMV RVGGGWETFA GYLLKHDP CR MLQISRVDGK TSPIQSKSPT LKDMNPDNYL VVSASYKAKK EIK
Source	E.coli
Target Names	GAS2
Protein Names	Recommended name: Growth arrest-specific protein 2 Short name= GAS-2
Expression Region	1-313
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 protein
Target Details	This protein 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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.