



# Recombinant Guinea pig Glyceraldehyde-3-phosphate dehydrogenase (GAPDH)

<b>Product Code</b>	CSB-EP009232GU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P70685
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Cavia porcellus (Guinea pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GIVEGLMTTV HAITATQKTV DGPSGKLWRD GRAAAQNIIP ASTGAAKAVG KVIPELNGKL TGMAFRVPTP NVSVVDLTCR LEKPAKYDDI KKVVKQASEG SLKGILGYTE DQVVSCDFNS DTH
<b>Source</b>	E.coli
<b>Target Names</b>	GAPDH
<b>Protein Names</b>	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase Short name= GAPDH EC= 1.2.1.12 Alternative name(s): Peptidyl-cysteine S-nitrosylase GAPDH EC= 2.6.99.-
<b>Expression Region</b>	1-123
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.