Recombinant Columba livia Glyceraldehyde-3-phosphate dehydrogenase (GAPDH)

Product Code	CSB-YP009232DVK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O57479
Product Type	Recombinant Protein
Immunogen Species	Columba livia (Rock dove)
Purity	>85% (SDS-PAGE)
Sequence	VKVGVNGFG RIGRLVTRAA ILSAKVQVVA INDPFIDLNY MVYMFKYDST HGHFRGTVKA ENGKLVINGN AITIFQERDP SNIKWADAGA EYVVESTGVF TTMEKAGAHL KGGAKRVIIS APSADAPMFV MGVNHEKYDK SLKIVSNASC TTNCLAPLAK VIHDNFGIVE GLMTTVHAIT ATQKTVDGPS GKLWRDGRGA AQNIIPASTG AAKAVGKVIP ELNGKLTGMA FRVPTPNVSV VDLTCRLEKP AKYDDIKRVV KAAADGPLKG ILAYTEDQVV SCDFNGDSHS STFDAGAGIA LNDHFVKLVS WYDNEYGYSN RVVDLMVHMA SKE
Source	Yeast
Target Names	GAPDH
Protein Names	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.-
Expression Region	2-333
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	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.
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.