



Recombinant *Pisum sativum* NADP-dependent glyceraldehyde-3-phosphate dehydrogenase (GAPN)

Product Code	CSB-EP305504EWE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P81406
Product Type	Recombinant Protein
Immunogen Species	<i>Pisum sativum</i> (Garden pea)
Purity	>85% (SDS-PAGE)
Sequence	MAATGVLAEI IDGDVYKYA DGEWKKSTSG KSVAIINPTT RKPQYKVQAC SQEEVNKVM D SAKSAQKSWA KTPLWKRAEL LHKAAAILKE HKAAIAECLV KEIAKPAKDA VTEVVRSGDL VSYCAEEGVR ILGEGKFLVS DSFPGNERTK YCLTSKIPLG VILAIPPFNY PVNLAVSKIA PALIAGNSIV LKPPTQGAVA ALHMHVCFHL AGFPKGLISC VTGKGSEIGD FLTMHPGVNC ISFTGGDTGI AISKKSGMIP LQMEELGGKDA CIVLEDADLD LVAANIIKGG FSYSQRCTA VKVVLVMESV ADALVEKVKV KVAKLSVGPP EDDSDITPVV SESSANFIEG LVNDAKEKGA TFCQEYKREG NLIWPLLLDN VRPDMRIawe EPFGPVLPI RINSVEEGIH HCNASNFLQ GCVFTKDINK AIMISDAMES GTVQINSAPA RGPDHFPFQG IKDSGIGSQG ITNSINMMTK VKTTVINLPS PSYTMG
Source	E.coli
Target Names	GAPN
Protein Names	Recommended name: NADP-dependent glyceraldehyde-3-phosphate dehydrogenase EC= 1.2.1.9 Alternative name(s): Glyceraldehyde-3-phosphate dehydrogenase [NADP(+)] Non-phosphorylating glyceraldehyde 3-phosphate dehydrogenase Triosephospha
Expression Region	1-496
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
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.