



Recombinant Escherichia coli 3-methyl-2-oxobutanoate hydroxymethyltransferase (panB)

Product Code	CSB-YP630132EGW
Abbreviation	panB
Storage	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.
Uniprot No.	Q1RG56
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain UTI89 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKPTTIASLQ KCKQDKKRFA TITAYDYSFA KLFAEEGLNV MLVGDSLGMT VQGHSTLPV TVADIAYHTA AVRRGAPNCL LLADLPFMAY ATPEQAFENA ATVMRAGANM VKIEGGEWL V ETVQMLTERA VPVCGHLGLT PQSVNIFGGY KVQGRGDEAG DRLLSDALAL EAAGAQLLVL ECVVELAKR ITEALAIPI GIGAGNVTDG QILVMHDAFG ITGGHIPKFA KNFLAETGDI RAAVRQYMAE VESGVYPGEE HSFH
Source	Yeast
Target Names	panB
Protein Names	Recommended name: 3-methyl-2-oxobutanoate hydroxymethyltransferase EC=2.1.2.11 Alternative name(s): Ketopantoate hydroxymethyltransferase Short name= KPHMT
Expression Region	1-264
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.