



Recombinant Idiomarina loihiensis 3-methyl-2-oxobutanoate hydroxymethyltransferase (panB)

Product Code	CSB-EP725198IAAA-B
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.	Q5QVR5
Product Type	Recombinant Protein
Immunogen Species	Idiomarina loihiensis (strain ATCC BAA-735 / DSM 15497 / L2-TR)
Purity	≥85% (SDS-PAGE)
Sequence	MATTKTSIAT LQMKKREGTK ISSLTAYDSS FAKLMTEQGV DFILVGDSL NVVQGRDSTV PVTVDMMIYH TQCVRRGASN AFVIADMPFM TYSTPEQAYD VAAALMQAGA NMVKLEGGHW LVETIEGLKT RGIPVCAHLG LLPQSVNVLG GYKVQGKEQQ QADDTLNQAL ALEQAGAQLL VLECVPASLG KRITEQLSIP TIGIGAGADT DGQILVMHDM LGMNSDYLPK FAKDFLAQGG SLADAFRLYS EQVRSGEFPT AEHSYK
Source	E.coli
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	1-266
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.