Recombinant Putative 2-dehydropantoate 2-reductase (apbA)

Product Code	CSB-EP736401SMZ-B
Abbreviation	apbA
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.	Q5XCQ0
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MLVYIAGSGA MGCRFGYQIS KTNNDVILLD NWEDHINAIK ENGLVVTGDV EETVKLPIMK PTEATQEADL IILFTKAMQL PQMLQDIKGI IGKETKVLCL LNGLGHEDVI RQYIPEHNIL MGVTVWTAGL EGPGRAHLQG VGALNLQSMD PNNQDAGHQV ADLLNKANLN ATYDENVVPN IWRKACVNGT MNSTCALLDC TIGELFASED GLKMVKEIIH EFVIVGQAEG VELNEEEITQ YVMDTSVRAA HHYPSMHQDL VQNHRLTEID FINGAVNTKG EKLGINTPYC RMITELVHAK EAVLNIQ
Source	E.coli
Target Names	apbA
Protein Names	Recommended name: Putative 2-dehydropantoate 2-reductase EC= 1.1.1.169 Alternative name(s): Ketopantoate reductase Short name= KPA reductase Short name= KPR
Expression Region	1-307
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.