



Recombinant 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase (ispG)

Product Code	CSB-EP727818SRW
Abbreviation	ispG
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.	Q67PA7
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MIERRKTRAV KVGRVQIGGG APITVQSM TK CDTRDVPEVL RQIRALEEAG CDIVRVAAPT MEAAECFKEI RKG CNIPLVA DVHFDYRIAL KVLEAGIDKL RINPGNIGAR WKVEEVVRAC KDRGVPIRIG VNAGSLEEEF LEKYGYPTAD GMVESALKHV AILEELDFHD IVISIKSSRV DQMIEAYRKL SEKVDYPLHV GVTEAGTPFA GTIKSAVGIG TILAEGIGDT IRVSLSTDCV EEVRVGYEIL KALGLRTRGI NIISCPSCGR VQIDL VKVAN EVERRLQHID VPLNVAVMGC VVNGPGEAAE ADVALFGGKG VGMLYVGGER VRKTTEEEMV EALVELVEQK AAEIKASGRV PTGYGRHEER
Source	E.coli
Target Names	ispG
Protein Names	Recommended name: 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase EC= 1.17.7.1 Alternative name(s): 1-hydroxy-2-methyl-2-(E)-butenyl 4-diphosphate synthase
Expression Region	1-370
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.