



Recombinant Escherichia coli Pyrimidine monooxygenase RutA (rutA)

Product Code	CSB-MP514982ENN
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.	C9QZ64
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 33849 / DSM 4235 / NCIB 12045 / K12 / DH1)
Purity	>85% (SDS-PAGE)
Sequence	MKIGVFPVPIG NNGWLISTHA PQYMPTFELN KAIVQKAEHY HFDFALSMIK LRGFGGKTEF WDHNLSTFTL MAGLAAVTSR IQIYATAATL TLPPAIVARM AATIDSISGG RFGVNLVTGW QKPEYEQMGI WPGDDYFSRR YDYLTEYVQV LRDLWGTGKS DFKGDFFTMN DCRVSPQPSV PMKVICAGQS DAGMAFSARY ADFNFCFGKG VNTPTAFAPT AARMKQAAEQ TGRDVGSYVL FMVIADETD AARAKWEHYK AGADEEALSW LTEQSQKDTR SGTDTNVRQM ADPTSAVNIN MGTLVGSYAS VARMLDEVAS VPGAEGVLLT FDDFLSGIET FGERIQPLMQ CRAHLPALTQ EVA
Source	Mammalian cell
Target Names	rutA
Protein Names	Recommended name: Pyrimidine monooxygenase RutA EC= 1.14.14.n1
Expression Region	1-363
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.