



Recombinant Escherichia coli L-rhamnonate dehydratase (rhMD)

Product Code	CSB-YP302040ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77215
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<p>MTLPKIKQVR AWFTGGATAE KGAGGGDYHD QGANHWIDDH IATPMSKYRD YEQSRQSFGE NVLGLVVEV EAENGQTGFA VSTAGEMGCF IVEKHLNRFI EGKCVSDIKL IHDQMLSATL YYSGSGGLVM NTISCVLDLAL WDLFGKVVGL PVYKLLGGAV RDEIQFYATG ARPD LAKEMG FIGGKMPHTW GPHDGDAGIR KDAAMVADMR EKCAGEDFWLM LDCWMSQDVN YATKLAHACA PYNLKWIEEC LPPQQYESYR ELKRNAPVGM MVTSGEHHGT LQSFRTLSET GIDIMQPDVG WCGGLTTLVE IAAIAKSRGQ LVPVHGSSVY SHHAVITFTN TPFSEFLMTS PDCSTMRPQF DPILLNEPVP VNGRIHKSVL DKPGFGVELN RDCNLKRPYS H</p>
Source	Yeast
Target Names	rhMD
Protein Names	Recommended name: L-rhamnonate dehydratase Short name= RhamD EC= 4.2.1.90
Expression Region	1-401
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.