



Recombinant Fumarate hydratase class I, aerobic (fumA)

Product Code	CSB-EP851993EOD-B
Abbreviation	fumA
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.	Q8X4P8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	SNKPFHYQA PFPLKKDDTE YLLTSEHVS LSEFEGQEIL KVAPEAL TLL ARQAFHDASF MLRPAHQQQV ADILRDPEAS ENDKYVALQF LRNSDIAAKG VLPTCQDTGT AIIVGKKGQR VWTGGGDEAA LARGVYNTYI EDNLRYSQNA PLDMYKEVNT GTNLPAQIDL YAVDGDEYKF LCIAKGGGSA NKTYLYQETK ALLTPGKLN YLVEKMRTL G TAACPPYHIA FVIGG TSAET NLKTVK L ASA KYYDELPT EG NEHGQAFRDV ELEKELLIEA QNLGLGAQFG GK YFAHDIRV IRLPRHGASC PVGMGVSCSA DRNIKAKINR QGIWIEKLEH NPGKYIPEEL RKAGEGEAVR VDLNRPMKEI LAQLSQYPVS TRLSLNGTII VGRDIAHAKL KERMDNGEGL PQYIKDHPIY YAGPAKTPEG YASGSLGPTT AGRMDSYVDQ LQALGGSMIM LAKGNRSQQV TDACKKHGGF YLGSIGGPAA VLAQGSIKSL ECVEYPELGM EAIWKIEVED FPAFILVDDK GNDF FQIQ L TQCTRCVK
Source	E.coli
Target Names	fumA
Protein Names	Recommended name: Fumarate hydratase class I, aerobic Short name= Fumarase EC= 4.2.1.2
Expression Region	2-548
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 of Mature 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.



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