



# Recombinant Fumarate hydratase class II (fumC)

<b>Product Code</b>	CSB-MP812560EGX
<b>Abbreviation</b>	fumC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8FHA7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNTVRSEKDS MGAI DVPADK LWGAQTQRSL EHFRI STEKM PTSLIHALAL TKRAAAKVNE DLGLLSEEKA SAIRQA ADEV LAGQH DDEFP LAIWQTGSGT QSNMNMNEVL ANRASELLGG VRGMERKVHP NDDVNKSQSS NDVFPTAMHV AALLALRKQL IPQLKTLTQT LSEKSRAFAD IVKIGRTHLQ DATPLTLGQE ISGWVAMLEH NLKHIEYSLP HVAELALGGT AVGTGLNTHP EYARRVADEL AVITCAPFVT APNKFEALAT CDALVQA HGA LKGLAASLMK IANDVRWLAS GPRCGIGEIS IPENEPGSSI MPGKVNPTQC EALTMLCCQV MGNDVAINMG GASGNFELNV FRPMVIHNFL QSVRL LADGM ESFNKHC AVG IEPNRERINQ LLNESLMLVT ALNTHIGYDK AAEIAKKAHK EGLTLKAAAL ALGYLSEAEF DRWVRPEQMV GSMKAGG
<b>Source</b>	Mammalian cell
<b>Target Names</b>	fumC
<b>Protein Names</b>	Recommended name: Fumarate hydratase class II Short name= Fumarase C EC= 4.2.1.2
<b>Expression Region</b>	1-467
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.