



Recombinant 2-oxoglutarate-dependent ethylene/succinate-forming enzyme (efe)

Product Code	CSB-EP329131FGN
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.	P32021
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i> (<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>)
Purity	>85% (SDS-PAGE)
Sequence	MTNLQTFELP TEVTGCAADI SLGRALIQAW QKDGIFQIKT DSEQDRKTQE AMAASKQFCK EPLTFKSSCV SDLTYSGYVA SGEEVTAGKP DFPEIFTVCK DLSVGDQRVK AGWPCHGPVP WPNNTYQKSM KTFMEELGLA GERLLKLTA GFELPINTFT DLTRDGHWHM RVLRFPPQTS TLRGIGAHT DYGLLVIAAQ DDVGGLYIRP PVEGEKRNRN WLPGESSAGM FEHDEPWTFV TPTPGVWTVF PGDILQFMTG GQLLSTPHKV KLNTRERFAC AYFHEPNFEA SAYPLFEPSA NERIHGEHF TNMFMRCYPD RITTQRINKE NRLAHLEDLK KYS DTRATGS
Source	<i>E. coli</i>
Target Names	efe
Protein Names	Recommended name: 2-oxoglutarate-dependent ethylene/succinate-forming enzyme Short name= EFE Short name= Ethylene-forming enzyme EC= 1.13.12.19 EC= 1.14.11.34 Alternative name(s): 2-oxoglutarate dioxygenase (ethylene-fo
Expression Region	1-350
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.