



Recombinant Clostridium acetobutylicum Electron transfer flavoprotein subunit alpha (etfA)

Product Code	CSB-EP007844DUB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P52039
Product Type	Recombinant Protein
Immunogen Species	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
Purity	>85% (SDS-PAGE)
Sequence	MNKADYKGVW VFAEQRDGEL QKVSLELLGK GKEMAELGV ELTAVLLGHN TEKMSKDLLS HGADKVLAAD NELLAHFSTD GYAKVICDLV NERKPEILFI GATFIGRDLG PRIAARLSTG LTADCTSLDI DVENRDLLAT RPAFGGNLIA TIVCSDHRPQ MATVRPGVFE KLPVNDANVS DDKIEKVAIK LTASDIRTKV SKVVKLAKDI ADIGEAKVLV AGGRGVGSKE NFEKLEELAS LLGGTIAASR AAIEKEWVDK DLQVGQTGKT VRPTLYIACG ISGAIQHLAG MQDSDYIIAI NKDVEAPIMK VADLAIVGDV NKVVPELIAQ VKAANN
Source	E.coli
Target Names	etfA
Protein Names	Recommended name: Electron transfer flavoprotein subunit alpha Short name= Alpha-ETF Alternative name(s): Electron transfer flavoprotein large subunit Short name= ETFLS
Expression Region	1-336
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.