



# Recombinant Clostridium acetobutylicum Electron transfer flavoprotein subunit alpha (etfA)

<b>Product Code</b>	CSB-EP007844DUB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P52039
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNKADYKGVW VFAEQRDGEL QKVSLELLGK GKEMAEKLGV 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
<b>Source</b>	E.coli
<b>Target Names</b>	etfA
<b>Protein Names</b>	Recommended name: Electron transfer flavoprotein subunit alpha Short name= Alpha-ETF Alternative name(s): Electron transfer flavoprotein large subunit Short name= ETFLS
<b>Expression Region</b>	1-336
<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.