



# Recombinant FMN reductase (NADH) RutF (rutF)

<b>Product Code</b>	CSB-YP808225EGX
<b>Abbreviation</b>	rutF
<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>	Q8FJ45
<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>	MRACHVCP LK K P A G C C K E Q T M N I V D Q Q T F R D A M S C M G A A V N I I T T D G P A G R A G F T A S A V C S V T D T P P T L L V C L N R G A S V W P V F N E N R T L C V N T L S A G Q E S L S N L F G G K T P M E H R F A A A R W Q T G V T G C P Q L E E A L V S F D C R I S Q V V S V G T H D I L F C A I E A I H R H A T P Y G L V W F D R S Y H A L M R P A C
<b>Source</b>	Yeast
<b>Target Names</b>	rutF
<b>Protein Names</b>	Recommended name: FMN reductase (NADH) RutF EC= 1.5.1.42 Alternative name(s): FMN reductase NADH-flavin reductase RutF NADH:flavin oxidoreductase
<b>Expression Region</b>	1-184
<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.