



Recombinant Escherichia coli O45:K1 FMN reductase (NADH) RutF

Product Code	CSB-EP487795EOK
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.	B7MIF4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MNIVDQQTFR DAMSCMGA AV NIITDGPAG RAGFTASAVC SVTDTPTLL VCLNRGASVW PVFNENRTL C VNTLSAGQEP LSNLFGGKTP MELRFAAARW QTGVTGCPQL EEALVSFDCR ISQVVSVGTH DILFCAIEAI HRHATPYGLV WFDRSYHALM RPAC
Source	E.coli
Target Names	rutF
Protein Names	Recommended name: FMN reductase (NADH) RutF EC= 1.5.1.42 Alternative name(s): FMN reductase NADH-flavin reductase RutF NADH:flavin oxidoreductase
Expression Region	1-164
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.