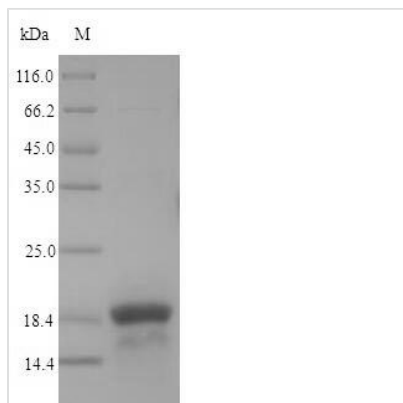




Recombinant Escherichia coli Ferric uptake regulation protein (fur)

Product Code	CSB-EP364302ENV
Relevance	Acts as a global negative controlling element, employing Fe ²⁺ as a cofactor to bind the operator of the repressed genes. Regulates the expression of several outer-membrane proteins including the iron transport operon.
Abbreviation	Recombinant E.coli fur protein
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.	P0A9A9
Alias	Short name: Ferric uptake regulator
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TDNNTALKKAGLKVTLPRLEVLQEPDNHHVSAEDLYKRLIDMGEEIGLATVY RVLNQFDDAGIVTRHNFEGGKSVFELTQQHHHDHLICLDCGKVIEFSDDSIAR QREIAAKHGIRLTNHSLLYGHCAEGDCREDEHAHEGK
Research Area	Microbiology
Source	E.coli
Target Names	fur
Protein Names	Recommended name: Ferric uptake regulation protein Short name= Ferric uptake regulator
Expression Region	2-148aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	20.7kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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