

Recombinant E. coli fur Protein

Cat. No. fur-4552E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Escherichia coli fur (NP_415209, 1 a.a. - 148 a.a.) full-length recombinant protein expressed in Escherichia coli.
Species	E.coli
Source	E.coli
Description	Fur translation is coupled to the translation of the upstream leader peptide Uof; Uof translation is inhibited by the antisense sRNA ryhB; Uof translation opens up a hairpin that blocks Fur translation (Vecerek, 2007). [More information is available at EcoGene: EG10359].
Form	Liquid
Molecular Mass	42 kDa
AA Sequence	MTDNNTALKKAGLKVTLPRCLKILEVLQEPDNHHVSAEDLYKRLIDMGEEIGLATVYRV LNQFDDAGIVTRHNFEGGKSVFELTQQHHHDHLICLDCGKVIEFSDDSIARQREIAA KHGIRLTNHSLLYLYGHCAEGDCREDEHAHEGK
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid

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repeated freezing and thawing.

Concentration 1 mg/mL

Storage Buffer In 20 mM Tris, 2 mM CaCl₂, 100mM NaCl, pH 8.0

GENE INFORMATION

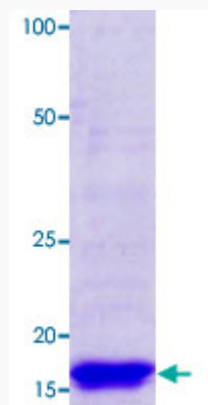
Gene Name fur ferric iron uptake regulon transcriptional repressor; autorepressor [*Escherichia coli* str. K-12 substr. MG1655]

Official Symbol fur

Synonyms fur; ferric iron uptake regulon transcriptional repressor; autorepressor; ECK0671; JW0669; ferric iron uptake regulon transcriptional repressor; autorepressor; NP_415209.1; negative regulator

Gene ID 945295

Quality Control Testing



15% SDS-PAGE Stained with Coomassie Blue

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