

Ferric Uptake Regulator E.Coli Recombinant

Item Number	rAP-4416
Synonyms	ECs0714, Ferric uptake regulation protein, Ferric uptake regulator, Z0831, FUR, ECK0671, JW0669, b0683.
Description	Ferric Uptake Regulator Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids and having a molecular mass of 16.7kDa.
Uniprot Accession Number	P0A9A9
Amino Acid Sequence	MTDNNTALKK AGLKVTLPRLL KILEVLQEPD NHHVSAEDLY KRLIDMGEEI GLATVYRVLN QFDDAGIVTR HNFEGGKSVF ELTQQHHHDH LICLDCGKVI EFSDDSI EAR QREIAAKHGI RL TNHSLYLY GHCAEGD-CRE DEHAHEGK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The Ferric Uptake Regulator protein solution (1mg/ml) contains 20mM Tris-HCl pH-8, 2mM CaCl ₂ and 100mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**