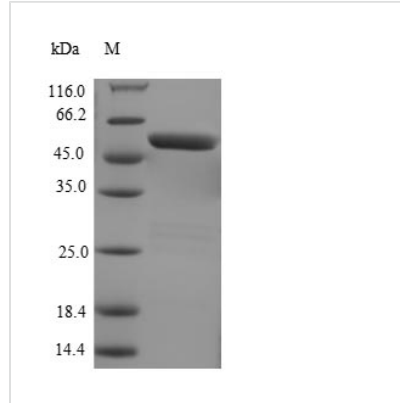


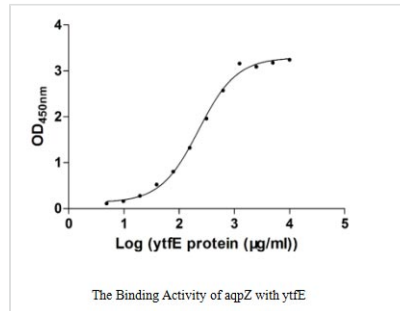


Recombinant Escherichia coli Iron-sulfur cluster repair protein ytfE (ytfE) (Active)

Product Code	CSB-EP303998ENV
Relevance	Di-iron-containing protein involved in the repair of iron-sulfur clusters damaged by oxidative and nitrosative stress conditions.
Abbreviation	Recombinant E.coli YTFE protein (Active)
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.	P69506
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Others
Immunogen Species	Escherichia coli (strain K12)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized aqpZ at 5 µg/ml can bind E.coli ytfE, the EC50 of E.coli ytfE protein is 197.90-259.70 µg/ml.
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MAYRDQPLGELALSIPRASALFRKYDMDYCCGGKQTLARAAARKELDVEVIEA ELAKLAEQPIEKDWRSAPLAEIIDHIIVRYHDRHREQLPELILQATKVERVHADK PSVPKGLTKYLTMLHEELSSHMMKEEQILFPMIKQGMGSQAMGPISVMES DEAGELLEVIKHTTNNVTPPEACTTWKAMYNGINELIDDLMDHISLENNVLF RALAGE
Research Area	Others
Source	E.coli
Target Names	ytfE
Expression Region	1-220aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	51.9kDa
Protein Length	Full Length
Image	



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



Activity
Measured by its binding ability in a functional ELISA. Immobilized aqpZ at 5 µg/ml can bind E.coli ytfE, the EC₅₀ of E.coli ytfE protein is 197.90-259.70 µg/ml.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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