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Product Datasheet

E. coli YTFE protein BYT-ORB705317

Article Name	E. coli YTFE protein
Biozol Catalog Number	BYT-ORB705317
Supplier Catalog Number	orb705317
Alternative Catalog Number	BYT-ORB705317-20,BYT-ORB705317-100,BYT-ORB705317-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This E. coli YTFE protein spans the amino acid sequence from region 1-220aa. Purity: Greater than 85% as determined by SDS-PAGE....
Molecular Weight	51.9 kDa
UniProt	P69506
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	Escherichia coli (strain K12)
Purity	Greater than 85% as determined by SDS-PAGE.
Form	Liquid or Lyophilized powder
Sequence	MAYRDQPLGELALSIPRASALFRKYDMDYCCGGKQTLARAAARKELDVEVIEA ELAKLAEQPIEKDWSAPLAEIIDHIIVRYHDRHREQLPELILQATKVERVHADK PSVPKGLTKYLTMLHEELSSHMMKEEQILFPMIKQGMGSQAMGPISVMESEH DEAGELLEVIKHTTNNVTPPPEACTTWKAMYNGINELIDDLMDHISLENNVLF RALAGE

Application Notes

Biological Origin: 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. Application Notes: 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