

Recombinant Full Length Bacillus Subtilis Uncharacterized Protein Ybfg(Ybfg) Protein, His-Tagged

Cat. No. RFL23790BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bacillus subtilis Uncharacterized protein ybfG(ybfG) Protein (O31447) (1-732aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bacillus subtilis
Source	E.coli
ProteinLength	Full Length (1-732)
Form	Lyophilized powder
AA Sequence	MVDEMVLITQQWLNDTYSKGHGYNPVEESGKTGWDTIYGLTRALQIELGISEPADNF GPT TQRLFKPLKRQAPDSKPSNMNFIQALWCKGFNPGGFTGVFYEKTENAVKE FQKAAGLT TQDGIVTTLIMKALLDMSAFKLVSGGDSRIRQIQQLNRDYN DYIGLMP CDGLYGRDTNK ALIYALQKEEGMSTSVANGFFGNGTTS LCPTLTPGDSRTG FVLIV QYALYCNGKS FDPGE FDGKYGVGVVSAVKAFQEFMCLPQTGYADMPTIKALLSSS GDTTRTASACDTATIITA EK AQLTRNNGYKTVGRYLTGNVRTSSGLTSKALTSKELA VILDAGLKVFPIYQDGGYESSYF VKDQGTRDAYS AASAARRLGFP SGTTIYFAVD FD AYDYEVTDKIIPYFQEIKSAFTKMQT FSTAPKYEIGVYGPRNICIRTSEAGLTKYSFVA NMSTGFSGNLGYPMPNNWAFDQFYEGT IGS GSGSIGIDKDGYSGRDSGASNVP P SDPVYDARLRTLTDILSTIPALENLTSLANAM FEFDTTETIFTSP ELDIILSTSLLATIPS EGSPNTITITNGKPGAYITGLLGDTQTSLTA SQIDSYQNLLNSLSLSVRNGYLEVYVN PTAESLNIQIKIYTPDIPVGDNVTTGLTTTITF KIKTYKGVPVTSPESELALDWPSYDQ

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YLFPVVGVAALLLIGNMGSDLTNNKGVKVATALS AMLLAIFAYYTS

Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	ybfG
Synonyms	ybfG; BSU02200; Uncharacterized protein YbfG
UniProt ID	O31447

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