

Recombinant Full Length Bacillus Subtilis Zinc-Transporting Atpase(Zosa) Protein, His-Tagged

Cat. No. RFL242BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bacillus subtilis Zinc-transporting ATPase(zosA) Protein (O31688) (1-637aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bacillus subtilis
Source	E.coli
ProteinLength	Full Length (1-637)
Form	Lyophilized powder
AA Sequence	MNEQVIVQRDPHEPLKTDKREKNWAQHAELIAALVSGALILAGWLLSGYQVLSIILFLL A FVIGGFAKAKEGIEETLESKTLNVELLMIFAAIGSALIGYWAEGAILIFIFSLSGALETY TMNKSSRDLTSLMQLEPEEATLMVNGETKRVPVSDLQAGDMIVIKPGERVAADGIIIE SGS TSLDESALTGESMPVEKNTGDTVFTGTVNRNGSLTVRVTKANEDSLFRKIIKL ESQNS VSPAQAFIERFENAYVKGVLIALLFVPHFALGWSWSETFYRAMVFMV VASPCALVAS IMPAALSLISNGARNGMLVKGSVFLEQLGQSVQMIAFDKTGTVTKGQP AVETIRIAEGFSE AEVLEAVYAIETQSSHPLAQAITAYAESRGVNQSGYISIEETSGFG VMAEVSGAKWKVGK AGFIGEEMAAQFMKQTASDVIQSGHTIVFVKDDQIAGCIAL KDQIRPEAKEVMEELNRL GIKTAMLTGDHEDTAQAIAKEAGMTTVVAECLPDQKVN EIKRLKEEFGTIAMVGDGINDA PALKAADVGIAMGGGTDVALETADMVLMKNDLKKL VNMCRLSRKMNRRIKQNVFSLAVI CLLICANFLQAMELPFGVIGHEGSTILVILNGLRL LK

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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	zosA
Synonyms	zosA; ykvW; BSU13850; Zinc-transporting ATPase; Zn(2+-translocating P-type ATPase
UniProt ID	O31688

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