

Recombinant Full Length Bacillus Subtilis Na(+)/H(+) Antiporter Subunit F Protein, His-Tagged

Cat. No. RFL33263BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bacillus subtilis Na(+)/H(+) antiporter subunit F Protein (O05228) (1-94aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bacillus subtilis
Source	E.coli
ProteinLength	Full Length (1-94)
Form	Lyophilized powder
AA Sequence	MFTLILQIALGIMAVSTFLYVIRVIKGPTVPDRVVALDAIGINLIAITALVSILLKTSFAF LDII LLLGILSFIGTIAFSKFLEKGEIENDRNR
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

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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	mrpF
Synonyms	mrpF; yufC; BSU31650; Na(+)/H(+) antiporter subunit F; Mrp complex subunit F; Multiple resistance and pH homeostasis protein F; Sodium-cholate efflux protein MrpF
UniProt ID	O05228

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