

Recombinant Full Length Halobacterium Salinarum Bacteriorhodopsin(Bop) Protein, His-Tagged

Cat. No. RFL36955HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Halobacterium salinarum Bacteriorhodopsin(bop) Protein (P02945) (14-262aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Halobacterium Salinarum
Source	E.coli
ProteinLength	Full Length of Mature Protein (14-262)
Form	Lyophilized powder
AA Sequence	QAQITGRPEWIWLALGTALMGLGTLVFLVKGMGVSDPDAKKFYAITTLVPAIAFTMYL SM LLGYGLTMVPGGEQNPIYWARYADWLFTTPLLLLDLALLVDADQGTLALVGAD GIMIG TGLVGALTKVYSYRFVWWAISTAAMLVLYLVFFGFTSKAESMRPEVASTFKV LRNVTVV LWSAYPVVWLIGSEGAGIVPLNIETLLFMVLDVSAKVGFGILLRSRAIFGE AEAPEPSA GDGAAATSD
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.

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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**

bop

Synonyms

bop; VNG_1467G; Bacteriorhodopsin; BR; Bacterioopsin; BO

UniProt ID[P02945](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA