

Recombinant Bacteriophage P1 cre protein, T7/His-tagged

Cat. No. cre-145B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bacteriophage P1 cre protein fused with 11 arginine domain at C-terminal and T7 tag/His/TEV cleavage site tag at N-terminal, was expressed in E. coli.
Species	Bacteriophage P1
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with 100 mM NaCl, 10 mM KCl, 1 mM DTT and 10% Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFPPKKRKSNNLLTVHQNLPALPVDA TSDEVKRNLMDFRDRQAFSE HTWKMLLSVCRSWAAWCKLNNRKWFPAEPEDV RDYLLYLQARGLAVKTIQQHLGQLNMLHRRSGLPRPSDSNAVS LVMRRIRKENVDA GERAKQALAFERTDFDQVRSLMENS DRCDIRNLAFLGIAYNTLLRIAEIARIRVKDIS RTD GGRMLIHIGRTKTLVSTAGVEKALSLGVTKLVERWISVSGVADDPNNYLFCRVR KNGVAAPSATSQ LSTRALEGI FEATHRLIYGAKDDSGQRYLAWSGHSARVGAARD MARAGVSIPEIMQAGGWNTNVNIVMNYIRNLDSETGAMVRLL EDGDLEESGGGGSP GRRRRRRRRRRR
Purity	>90% by SDS-PAGE
Applications	1. Protein intracellular transduction for in vitro Cre-loxP recombination. 2. Negative control for 11R-Tag human transcription factor mediated cell differentiation assay in vitro.

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Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name [cre cyclization recombinase \[Enterobacteria phage P1 \]](#)

Official Symbol [cre](#)

Synonyms cyclization recombinase; Cre

Gene ID [2777477](#)

mRNA Refseq

Protein Refseq

MIM

UniProt ID [P06956](#)

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