

Recombinant Full Length Escherichia Coli Colicin-E1(Cea) Protein, His&Myc-Tagged

Cat. No. RFL7991EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Escherichia coli Colicin-E1(cea) Protein (P02978) (1-522aa), fused to N-terminal 10xHis tag and C-terminal Myc tag, was expressed in E. coli.

Species

E.coli

Source

E.coli

ProteinLength

Full Length (1-522aa)

Form

Lyophilized powder

AA Sequence

METAVAYYKDGVPYDDKGVIIITLLNGTPDGSGSGGGGGGKGGSKSESSAAIHATAK
WSTAQLKKTQAEQAARAKAAAEQAQAKAKANRDALTQRLKDIVNEALRHNASRTPSA
TELAHANNAAMQAEDERLRLAKAEKARKEAEAAEKAFQAEQRRKEIEREKAETE
RQLKLAEAEKRLAALSEEAKAVEIAQKKLSAAQSEVVKMDGEIKTLNSRLSSSIHAR
DAEMKTLAGKRNELAQASAKYKELDELVKKLSPRANDPLQNRPFPEATRRRVGAGK
IREEKQKQVTASETRINRINADITQIQKAISQVSNRNAGIARVHEAEENLKKAQNNLL
NSQIKDAVDATVSFYQTLTEKYGEKYSKMAQELADKSKGKKIGNVNEALAAFEKYKD
VLNKKFSKADRDAIFNALASVKYDDWAKHLDQFAKYLKITGHVSFGYDVVSDILKIKD
TGDWKPLFLTLEKKAADAGVSYVVALLFSLLAGTTLGIWGIAIVTGILCSYIDKNKLNTI
NEVLGI Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

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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	cea
Synonyms	cea; Colicin-E1
UniProt ID	P02978