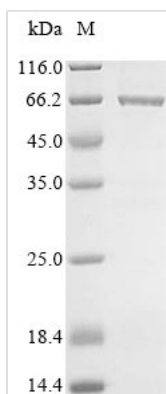




Recombinant Escherichia coli Colicin-E1 (cea)

Product Code	CSB-CF360926ENL
Relevance	This colicin is a channel-forming colicin. This class of transmembrane toxins depolarize the cytoplasmic membrane, leading to dissipation of cellular energy. Colicins are polypeptide toxins produced by and active against E.coli and closely related bacteria.
Abbreviation	Recombinant E.coli cea protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02978
Product Type	Transmembrane Protein
Immunogen Species	Escherichia coli
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	METAVAYYKDGVPYDDKGQVIITLLNGTPDGSGSGGGGGKGGSKSESSAAIH ATAKWSTAQLKKTQAEQAARAKAAAEQAQAKAKANRDALTQRLKDIVNEALRH NASRTPSATELAHANNAAMQAEDERLRLAKAEKARKEAEAAEKAFQEAQR RKEIEREKAETERQLKLAEAEKRLAALSEEAKAVEIAQKKLSAAQSEVVKMDG EIKTLNSRLSSSIHARDAEMKTLAGKRNELAQASAKYKELDELVKKLSPRANDP LQNRPFPEATRRRVGAGKIREEKQKQVTASETRINRINADITQIQKAISQVSNNR NAGIARVHEAEENLKKAQNNLLNSQIKDAVDATVSFYQTLTEKYGEKYSKMAQ ELADKSKGKKIGNVNEALAAFEKYKDVNLKKFSKADRDAIFNALASVKYDDWA KHLQDQFAKYLKITGHVSFGYDVVSDILKIKDTGDWKPLFLTLEKKAADAGVSYV VALLFSLLAGTTLGIWGIAIVTGILCSYIDKNKLNLTINEVLGI
Research Area	Others
Source	in vitro E.coli expression system
Target Names	cea
Expression Region	1-522aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	64.3 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.