



Recombinant Escherichia coli Colicin-Ia (cia) (626:I→I- GFTFSNYAMSWVRQAPGKGLEWVSSQQYNSYP YT)

Product Code	CSB-EP361926ENLe1(M)
Abbreviation	Recombinant E.coli cia protein (Mutant type)
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.	P06716
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Escherichia coli Colicin-Ia (cia) (626:I→I-GFTFSNYAMSWVRQAPGKGLEWVSSQQYNSYPYT)
Immunogen Species	Escherichia coli
Sensitivity	Not Test
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSDPVRITNPGAESLGYDSDGHEIMAVDIYVNPVRVDVFHGTTPPAWSSFGNK TIWGGNEWVDDSPTRSDIEKRDKETAYKNLTLTSAQQKENENKRTEAGKRLSAA IAAREKDENTLKTLRAGNADAADITRQEFRLQLAELREYGFRTIAGYDALRLH TESRMLFADADSLRISPREARSLIEQAQKQKDAQNADKKAADMLAEYERRKG ILDTRLSELEKNGGAALAVLDAQQARLLGQQTRNDRAISEARNKLSSVTESLNT ARNALTRAEQQLTQQKNTPDGKTIVSPEKFPGRSSTNHSIVVSGDPRFAGTIKI TTSVIDNRANLNYLLSHSGLDYKRNLNDRNPVVTEDVEGDKKIYNAEVAEWD KLRQRLLDARNKITSAESAVNSARNNLSARTNEQKHANDALNALLKEKENIRN QLSGINQKIAEEKRKQDELKATKDAINFTEFLKSVSEKYGAKAEQLAREMAGQ AKGKKIRNVEEALKTYEKYRADINKKINAKDRAAIAAALESVKLSDISSNLNRF RGLGYAGKFTSLADWITEFGKAVRTENWRPLFVKTTETIAGNAATALVALVFSIL TGSALGIIGYGLLMAVTGALIDESLVEKANKFWGIGFTFSNYAMSWVRQAPGK GLEWVSSQQYNSYPYT
Research Area	Others
Source	E.coli
Target Names	cia
Expression Region	1-626aa(626:I→I-GFTFSNYAMSWVRQAPGKGLEWVSSQQYNSYPYT)



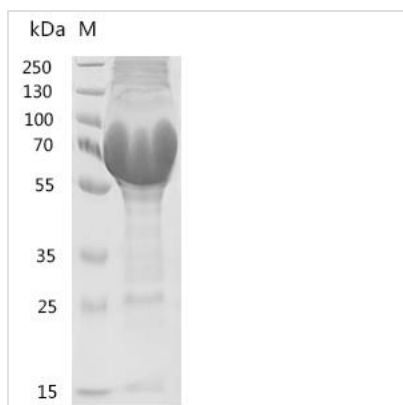
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info Tag-Free

Mol. Weight 73.3 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.