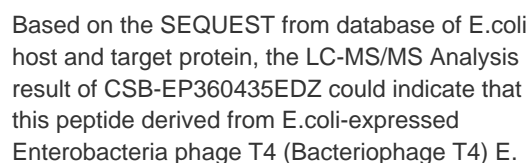
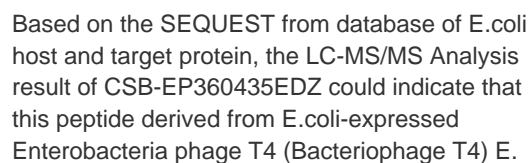




# Recombinant Enterobacteria phage T4 Endolysin (E)

<b>Product Code</b>	CSB-EP360435EDZ
<b>Relevance</b>	Endolysin with lysozyme activity that degrades host peptidoglycans and participates with the holin and spanin proteins in the sequential events which lead to the programmed host cell lysis releasing the mature viral particles. Once the holin has permeabilized the host cell membrane, the endolysin can reach the periplasm and break down the peptidoglycan layer.
<b>Abbreviation</b>	Recombinant Enterobacteria phage T4 Endolysin protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P00720
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Enterobacteria phage T4 (Bacteriophage T4)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MNIFEMLRIDERLRLKIYKDTEGYTIGIGHLLTKSPSLNAAKSELDKAIGRNCN GVITKDEAEKLFNQDVDAAVRGILRNAKLKPVYDSLDAVRRCALINMVFQMGE TGVAGFTNSLRMLQQKRWDEAAVNLAKSIWYNQTPNRAKRVITTFRTGTWDA YKNL
<b>Research Area</b>	Microbiology
<b>Source</b>	E.coli
<b>Target Names</b>	E
<b>Protein Names</b>	Recommended name: Lysozyme EC= 3.2.1.17Alternative name(s): Endolysin Lysis protein Muramidase
<b>Expression Region</b>	1-164aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	34.6kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



Our Recombinant *Enterobacteria* phage T4 Endolysin is a high-quality protein designed to meet the demands of researchers in the field of microbiology. This full-length protein, with an expression region spanning 1-164aa, is sourced from the *Enterobacteria* phage T4, also known as Bacteriophage T4.

The protein is expressed in *E. coli* and features an N-terminal 6xHis-SUMO-tag for convenient detection and purification. With a purity greater than 90% as determined by SDS-PAGE, this Recombinant Enterobacteria phage T4 Endolysin is provided as a lyophilized powder, ensuring a reliable and efficient product for your research needs.

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.