



Recombinant Enterobacteria phage T4 Endolysin (E)

Product Code	CSB-EP360435EDZ
Relevance	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.
Abbreviation	Recombinant Enterobacteria phage T4 Endolysin 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.	P00720
Product Type	Recombinant Proteins
Immunogen Species	Enterobacteria phage T4 (Bacteriophage T4)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MNIFEMLRIDERLRLKIYKDTEGYTIGIGHLLTKSPSLNAAKSELDKAIGRNCN GVITKDEAEKLFNQDVDAAVRGILRNAKLKPVYDSLDAVRRCALINMVFQMGE TGVAGFTNSLRMLQQKRWDEAAVNLAKSIWYNQTPNRAKRVITTFRTGTWDA YKNL
Research Area	Microbiology
Source	E.coli
Target Names	E
Protein Names	Recommended name: Lysozyme EC= 3.2.1.17Alternative name(s): Endolysin Lysis protein Muramidase
Expression Region	1-164aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.6kDa
Protein Length	Full Length
Image	

