

Lysozyme (E) Recombinant Protein | e recombinant protein

Recombinant Enterobacteria phage T4 Lysozyme (E)

CATALOG # AAA115347	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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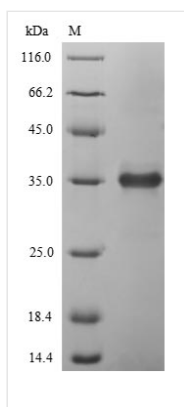
PRODUCT SYNONYMS

Lysozyme (E); Recombinant Enterobacteria phage T4 Lysozyme (E); Lysozyme; EC=3.2.1.17; Endolysin; Lysis protein; Muramidase; e recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-164aa; Full Length
Sequence	MNIFEMLRID ERLRLKIYKD TEGYYTIGIG HLLTKSPSLN AAKSELDKAI GRNCNGVITK DEAEKLFNQD VDAAVRGILR NAKLKPVYDS LDAVRRCALI NMVFQMGETG VAGFTNSLRM LQQRWDEAA VNLAKSIWYN QTPNRAKRVI TTFRTGTWDA YKNL
Species	Enterobacteria phage T4 (Bacteriophage T4)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for e recombinant protein	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.
Product Categories/Family for e recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9632737
NCBI GeneID	1258585
NCBI Accession #	NP_049736.1
NCBI GenBank Nucleotide #	NC_000866.4
UniProt Accession #	P00720; Q38170; Q94N07
Molecular Weight	34.6 kDa
NCBI Official Full Name	e Lysozyme murein hydrolase
NCBI Official Symbol	e
NCBI Protein Information	intracellular N-acetyl muramidase; lysis from within; e Lysozyme murein hydrolase
UniProt Protein Name	Endolysin
UniProt Gene Name	E
UniProt Entry Name	ENLYS_BPT4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-recombinant-protein-e-coli/115347>