

**EZLys Lysozyme, Human recombinant protein**  
**Protein Extraction**  
**Catalog # PBV11418r****Specification**

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**EZLys Lysozyme, Human recombinant protein - Product info****EZLys Lysozyme, Human recombinant protein - Additional Info****Other Names**

Lysozyme, EZLys™, 1, 4-beta-N-acetylmuramidase C

**Source**Assay&Purity  
Assay2&Purity2  
Recombinant**E. coli****SDS-PAGE; ≥85%**  
**HPLC;**  
**Yes****Application Notes**Clear solution at 10 mg/ml in PBS, pH 7.4 or H<sub>2</sub>O**Format**

Off- white powder

**Storage**

-20°C; Off- white powder

**EZLys Lysozyme, Human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EZLys Lysozyme, Human recombinant protein - Images****EZLys Lysozyme, Human recombinant protein - Background**

EZLys™ Lysozyme is a recombinant human lysozyme expressed and purified in an animal-free system (rice). It has an identical amino acid sequence and physico-chemical properties of native lysozyme. The enzyme cleaves the (1,4) linkage between N-acetylglucosamine and N-acetylmuramic acid of the peptidoglycan component in the bacterial cell wall. It exhibits four times more activity than commercial chicken lysozyme and is useful in the recovery of proteins expressed in bacteria (e.g. E. coli). EZ Lysozyme is designed for gentle cell lysis which leads to a minimal risk of protein denaturation.