

Native Human LYZ

Cat. No. LYZ-27700TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native Human Lysozyme purified from Human Neutrophils; amino acids 19-148, MWt 17kDa.
Species	Human
Source	Human Neutrophil
ProteinLength	19-148 a.a.
Description	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta)
Form	Lyophilized
Molecular Mass	17kDa
Purity	>95% by SDS-PAGE
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage Buffer	Preservative: None Constituents: 50mM Sodium acetate, 100mM Sodium chloride, pH 6.0
Full Length	Full L.

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GENE INFORMATION

Gene Name	LYZ lysozyme [Homo sapiens]
Official Symbol	LYZ
Synonyms	LYZ; lysozyme; lysozyme (renal amyloidosis); lysozyme C; renal amyloidosis; 1,4-beta-N-acetylmuramidase C; LZM;
Gene ID	4069
mRNA Refseq	NM_000239
Protein Refseq	NP_000230
MIM	153450
UniProt ID	P61626
Chromosome Location	12q15
Pathway	Amyloids, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Disease, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem;
Function	hydrolase activity, acting on glycosyl bonds; lysozyme activity;

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