

Product datasheet for **TP727208**

Lysozyme (LYZ) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Lysozyme C/LYZ (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys19-Val148
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM TrisHCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Note:	Recombinant Human Lysozyme C is produced by our Mammalian expression system and the target gene encoding Lys19-Val148 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	4069
UniProt ID:	P61626
Synonyms:	Lysozyme C;1;4-beta-N-acetylmuramidase C;LYZ;LZM
Summary:	lysozyme C is a secreted protein and belongs to the glycosyl hydrolase 22 family. Lysozymes have primarily a bacteriolytic function, damage bacterial cell walls by catalyzing hydrolysis of 1,4-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitodextrins. Those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents. Lysozyme C is capable of both hydrolysis and transglycosylation; it shows also a slight esterase activity. It acts rapidly on both peptide-substituted and unsubstituted peptidoglycan, and slowly on chitin oligosaccharides.
Protein Families:	Druggable Genome



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