



[Go to Product page](#)

## Datasheet for ABIN7317242 LYG1 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	LYG1
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYG1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Lysozyme G-like 1/LYG1 Protein (His Tag)
Sequence:	Met 1-Phe194
Characteristics:	A DNA sequence encoding the human LYG1 (Met 1-Phe194) (Q8N1E2) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	LYG1
Alternative Name:	Lysozyme G-like 1/LYG1 ( <a href="#">LYG1 Products</a> )
Background:	Background: Lysozyme G-like 1 belongs to the glycosyl hydrolase 23 family. Glycoside hydrolases are a widespread group of enzymes that hydrolyse the glycosidic bond between two or more carbohydrates, or between a carbohydrate and a non-carbohydrate moiety. Lysozyme

## Target Details

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G-like 1 exhibits hydrolase activity, acting on glycosyl bonds (inferred), lysozyme activity (inferred). It is found in extracellular region and may functions in cell wall macromolecule catabolic process, metabolic process and peptidoglycan catabolic process. The lysozyme G gene structure has been largely conserved during vertebrate evolution, except at the 5' end of the gene, which varies in number of exons.

Synonym: SALW1939

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Molecular Weight: 20.7 kDa

UniProt: [Q8N1E2](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 20 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.