

## Datasheet for ABIN7318753 **LYG2 Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	LYG2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LYG2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human LYG2 Protein (His Tag)
Sequence:	Ser20-Phe212
Characteristics:	Recombinant Human Lysozyme G-Like Protein 2 is produced by our Mammalian expression system and the target gene encoding Ser20-Phe212 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	LYG2
Alternative Name:	LYG2 ( <a href="#">LYG2 Products</a> )
Background:	Background: Lysozyme G-Like Protein 2 (LYG2) is a secreted protein that belongs to the glycosyl hydrolase 23 family. LYG2 contains one SLT domain, one protein domain present in

## Target Details

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bacterial lytic transglycosylase (SLT) and in eukaryotic lysozymes (GEWL). SLT domain catalyzes the cleavage of the  $\beta$ -1,4-glycosidic bond between N-acetylmuramic acid (MurNAc) and N-acetylglucosamine (GlcNAc). LYG2 has hydrolase activity which acting on glycosyl bonds, and possess lysozyme activity.

Synonym: Lysozyme G-Like Protein 2, LYG2, LYGH

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Molecular Weight: 22.6 kDa

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UniProt: [Q86SG7](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Frozen, Liquid

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Buffer: Supplied as a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, 10 % Glycerol, pH 7.2.

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Storage: -20 °C

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Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.