

# Summary

Name	Lysozyme g-like protein 2/LYG2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/µg as determined by LAL test.
Construction	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.
Accession #	Q86SG7
Host	Human Cells
Species	Human
Predicted Molecular Mass	22.55 KDa
Formulation	Supplied as a 0.2 $\mu m$ filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.2.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at $\leq$ -70°C, stable for 6 months after receipt. Store at $\leq$ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	•

#### **SDS-PAGE** image



### Background

	Alternative Names	Lysozyme G-Like Protein 2; LYG2; LYGH
BackgroundLysozyme G-Like Protein 2 (LYG2) is a secreted protein that belongs to the glyco hydrolase 23 family. LYG2 contains one SLT domain, one protein domain presen bacterial lytic transglycosylase (SLT) and in eukaryotic lysozymes (GEWL).	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 bacterial lytic transglycosylase (SLT) and in eukaryotic lysozymes (GEWL). SLT

## Product Name: Recombinant Human LYG2 (C-6His) Catalog #: PHH1121



domain catalyzes the cleavage of the  $\beta$ -1,4-glycosidic bond between N-acetylmuramic acid (MurNAc) and N-acetyglucosamine (GlcNAc). LYG2 has hydrolase activity which acting on glycosyl bonds, and possess lysozyme activity.

#### Note

For Research Use Only, Not for Diagnostic Use.