

Recombinant Human LYG1 protein, His-tagged

Cat. No. LYG1-2347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LYG1 protein(Met 1-Phe194) (Q8N1E2) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-194 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly.
Molecular Mass	The secreted recombinant human LYG1 consists of 185 amino acids and predicts a molecular mass of 20.7 KDa. The apparent molecular mass of the protein is approximately 22 Kda in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	LYG1 lysozyme G-like 1 [Homo sapiens]
Official Symbol	LYG1
Synonyms	LYG1; lysozyme G-like 1; lysozyme g-like protein 1; SALW1939;
Gene ID	129530
mRNA Refseq	NM_174898
Protein Refseq	NP_777558
UniProt ID	Q8N1E2

SDS-PAGE

