

Recombinant Human PGLYRP2 Protein, His-tagged

Cat. No. PGLYRP2-2585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGLYRP2 Protein (Gln3-Gln236) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln3-Gln236
Description	This gene encodes a peptidoglycan recognition protein, which belongs to the N-acetylmuramoyl-L-alanine amidase 2 family. This protein hydrolyzes the link between N-acetylmuramoyl residues and L-amino acid residues in bacterial cell wall glycopeptides, and thus may play a scavenger role by digesting biologically active peptidoglycan into biologically inactive fragments.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2 kDa Accurate Molecular Mass: 30 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	PGLYRP2 peptidoglycan recognition protein 2 [Homo sapiens (human)]
Official Symbol	PGLYRP2
Synonyms	PGLYRP2; peptidoglycan recognition protein 2; N-acetylmuramoyl-L-alanine amidase; N acetylmuramoyl L alanine amidase; peptidoglycan recognition protein L precursor; peptidoglycan recognition protein like; PGLYRPL; PGRP L; PGRP-L; tagL; tagL alpha; tagl beta; TAGL like; peptidoglycan recognition protein L; peptidoglycan recognition protein long; PGRP-L; HMFT0141; TAGL-like; tagl-beta; tagL-alpha;
Gene ID	114770
mRNA Refseq	NM_052890
Protein Refseq	NP_443122

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MIM	608199
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UniProt ID	Q96PD5
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