

Recombinant Human PGLYRP3 293 Cell Lysate

Cat. No. PGLYRP3-3253HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peptidoglycan recognition protein 3 (PGLYRP3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PGLYRP3 peptidoglycan recognition protein 3 [Homo sapiens]

Official Symbol

PGLYRP3

Synonyms

PGLYRP3; peptidoglycan recognition protein 3; peptidoglycan recognition protein I alpha precursor; PGLYRP1alpha; PGRP Ialpha; PGRPIA; PGRP-I-alpha; peptidoglycan recognition protein I alpha; peptidoglycan recognition protein I-alpha; peptidoglycan recognition protein-I-alpha; peptidoglycan recognition protein intermediate alpha; PGRP-Ialpha; MGC149197;

Gene ID

114771

mRNA Refseq

NM_052891

Protein Refseq

NP_443123

MIM

608197

UniProt ID

Q96LB9

**Chromosome
Location**

1q21

Function

N-acetylmuramoyl-L-alanine amidase activity; peptidoglycan binding; peptidoglycan receptor activity; zinc ion binding;

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