

# Recombinant Human PGLYRP1/PGRPS Protein, C-His (Active)

## Summary

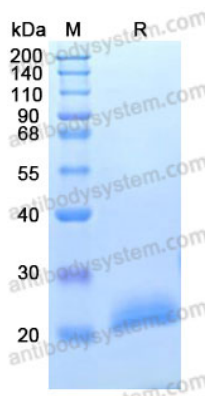
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<b>Catalog No.</b>	AHB25801
<b>Alternative Names</b>	Peptidoglycan recognition protein 1, PGLYRP, PGRP, Peptidoglycan recognition protein short, TNFSF3L, PGRP-S, PGLYRP1
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Biological activity</b>	Measured by its binding ability in a functional ELISA. When peptidoglycan is coated at 1 µg/mL (100 µL/well), the concentration of recombinant human PGLYRP1/PGRPS (Cat #: AHB25801) that produces 50% optimal binding response is 0.75-4.5 ng/mL.
<b>Endotoxin level</b>	<0.1 EU/µg of the protein by the LAL method.
<b>Expression system</b>	Mammalian Cells
<b>Accession</b>	O75594
<b>Protein length</b>	Gln22-Pro196
<b>Nature</b>	Recombinant
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

## Recombinant Proteins &amp; Antibodies

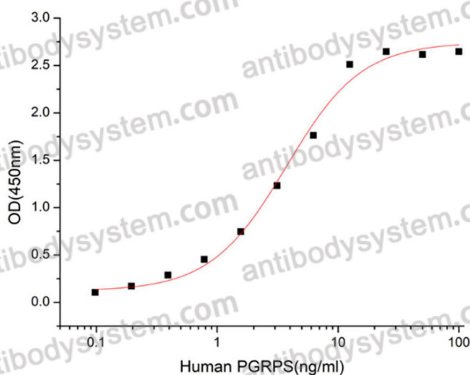
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Homo sapiens (Human)
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Note</b>	For research use only.

## Data Image



SDS-PAGE

SDS-PAGE for Recombinant Human PGRPS protein



Bioactivity

Measured by its binding ability in a functional ELISA. When peptidoglycan is coated at 1  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ), the concentration of recombinant human PGLYRP1/PGRPS (Cat #: AHB25801) that produces 50% optimal binding response is 0.75-4.5 ng/mL.