

PRODUCT DATA SHEET

Peptidoglycan Recognition Protein 1 Human E. coli

Cat. No.: RD172316100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

PGRP-S, PGLYRP1, TNFSF3L, SBBI68, UNQ639/PRO1269

Description:

Total 185 AA. MW: 20.68 kDa (calculated). UniProtKB acc.no. O75594 (Gln22-Pro196). N-terminal His-tag (10 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS QETEDPACCS PIVPRNEWKA LASECAQHLS LPLRYVVVSH TAGSSCNTPA
SCQQQARNVQ HYHMKTLGWC DVGYNFLIGE DGLVYEGRGW NFTGAHSGHL WNPMSIGISF
MGNYMDRVPT PQAIRAAQGL LACGVAQGAL RSNYVLKGHR DVQRTLSPGN QLYHLIQNWP HYRSP

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in 0.05 M Acetate buffer pH=4.0

Reconstitution:

Add 200μl of 0.1M Acetate buffer pH=4.0 to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10μg/mL. In higher concentrations the solubility of this antigen is limited.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.