



# Recombinant Guinea pig IL23A Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07213

**Protein Name:** IL-23 Subunit Alpha (IL23A)

**Aliases:** P19; SGRF; IL-23; IL-23A; IL-23-IL23P19; IL-23p19; IL-23 subunit alpha; interleukin 23 p19 subunit; interleukin-23 subunit p19; interleukin 23 subunit alpha; interleukin-23 subunit alpha; interleukin ...

**UniProt ID:** Q9NPF7

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9NPF7/entry>

**Species Source:** Cavia porcellus (Guinea pig)

**Expression System:** E.coli

**Protein Length:** Full Length of Mature Protein (20-189aa)

**Molecular Weight:** 26.2 kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (20-189aa)

RAVSGSSNPSWTQCQQLSQKLCTLAWSAHPVSGHVEPPREEADEETTDYVPHILC  
GDGCDPQGLKDNSQFCLQRIYQGLVFYQNLLGSDIFTGEPPLFPDGPVSQLHASLL  
GLSLLQPEVHQWEPQIPSLSPNQPWQRLLLRILRSFQAFVAVAAARVFGHGAATL  
TP

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



**Enlibio** Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9  
protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Guinea pig IL23A full length of mature protein protein (20-189aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. IL23A, also known as P19 or SGRF or IL-23, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.