



Recombinant Human IL9 Protein Product Manual

1. Product Basic Information

Product No.: REP07231

Protein Name: IL-Cytokine P40 (IL9)

Aliases: P40; HP40; IL-cytokine P40; p40 cytokine; interleukin interleukin-T-cell growth factor p40; p40 T-cell and mast cell growth factor

UniProt ID: P15248

UniProt Link: <https://www.uniprot.org/uniprotkb/P15248/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (19-144aa)

Molecular Weight: 27.1 kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (19-144aa)

QGCPFLAGILDLINKMQEDPASKCHCSANVTSCCLGLIPSDNCTRPCFSERLSQ
MTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALTLKSLLEIF
QKEKMRGMRGKI

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 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 Human IL9 full length of mature protein protein (19-144aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. IL9, also known as P40 or HP40 or IL-cytokine P40, 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.