



Recombinant Human IL1R1 Protein Product Manual

1. Product Basic Information

Product No.: REP07208

Protein Name: Interleukin-1 Receptor Alpha (IL1R1)

Aliases: P80; IL1R; CRMO3; IL1RA; CD121A; D2S1473; IL-1RT1; IL-1R-alpha; interleukin-1 receptor alpha

UniProt ID: P14778

UniProt Link: <https://www.uniprot.org/uniprotkb/P14778/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (21-332aa)

Molecular Weight: 38.6 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (21-332aa)

DKCKEREEKIILVSSANEIDVRPCPLNPNEHKGTITWYKDDSKTPVSTEQASRIHQHK
EKLWFVPAKVEDSGHYCVVRNSSYCLRIKISAKFVENEPNLCYNAQAIFKQKLPVA
GDGGLVCPYMEFFKNENNELPKLQWYKDCKPLLLDNIHFSGVKDRLIVMNVAEKHR
GNYTCHASYTYLGKQYPITRVIEFITLEENKPTRPVIVSPANETMEVDLGSQIQLICNV
TGQLSDIAYWKWNGSVIDEDDEPVLGEDYYSVENPANKRRSTLITVLNISEIESRFYK
HPFTCFAKNTHGIDAAYIQLIYPVT

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 IL1R1 partial protein (21-332aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IL1R1, also known as P80 or IL1R or CRMO3, 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.