



# Recombinant Human IL7R Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07230

**Protein Name:** Cd127 Antigen (IL7R)

**Aliases:** ILRA; CD127; IL7RA; CDW127; IMD104; sIL-7R; Inc-IL7R; IL7Ralpha; IL-7Ralpha; IL-7R-alpha; CD127 antigen; IL-7R subunit alpha; interleukin 7 receptor; IL-7 receptor subunit alpha; soluble interleukin-7...

**UniProt ID:** P16871

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P16871/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (21-239aa)

**Molecular Weight:** 30.3 kDa

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

## 2. Amino Acid Sequence (21-239aa)

ESGYAQNGDLEDAELDDYSFSCYSQLEVNGSQHSLTCAFEDPDVNITNLEFEICGA  
LVEVKCLNFRKLQEYFIETKKFLLIGKSNICVKVGEKSLTCKKIDLTITVKPEAPFDLS  
VYREGANDFVVTFTNTSHLQKKYVKVLMHDTVAYRQEKDENKWTHVNLSSSTKLTL  
QRKLQPAAMYEIKVR SIPDHYFKGFWSWSPSYFRTPEINNSSGEMD

## 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 Human IL7R partial protein (21-239aa) 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. IL7R, also known as ILRA or CD127 or IL7RA, 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.