



Recombinant Human KLRD1 Protein Product Manual

1. Product Basic Information

Product No.: REP07302

Protein Name: Cd94 Antigen (KLRD1)

Aliases: KP43; CD94 antigen; NK cell receptor; natural killer cells antigen CD94; killer cell lectin like receptor D1

UniProt ID: Q13241

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13241/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (34-179aa)

Molecular Weight: 45.4 kDa

Protein Tag: N-terminal hFc-Myc-tagged

2. Amino Acid Sequence (34-179aa)

SFTKLSIEPAFTPGPNIELQKDSDCCSCQEKWVG YRCNCYFISSEQKTWNESRHLC
ASQKSSLLQLQNTDELD FMSSSQQFYWIGLSYSEEHTAWLWENG SALSQYLFPSF
ETFNTKNCIAYNPN GNALDESCEDKNRYICKQQLI

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 KLRD1 partial protein (34-179aa) expressed in Mammalian cell. The protein is with hFc-Myc tag at the N-terminus, which facilitates protein purification, detection and identification. KLRD1, also known as KP43 or CD94 antigen or NK cell receptor, 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.