



Recombinant Human CD47 Protein Product Manual

1. Product Basic Information

Product No.: REP06386

Protein Name: Cd47 Molecule (CD47)

Aliases: IAP; OA3; MER6; CD47 molecule; CD47 glycoprotein; Rh-related antigen; integrin associated protein; leukocyte surface antigen CD47; integrin-associated signal transducer; antigenic surface determinant ...

UniProt ID: Q08722

UniProt Link: <https://www.uniprot.org/uniprotkb/Q08722/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (19-139aa)

Molecular Weight: 43.3 kDa

Protein Tag: C-terminal hFc1-Avi-tagged

2. Amino Acid Sequence (19-139aa)

QLLFNKTKSVEFTFCNDTVVIPCFVTNMEAQNTTEVYVKWKFKGRDIYTFDGALNKS
TVPTDFSSAKIEVSQLLKGDA SLKMDKSDAVSHTGNYTCEVTELTREGETIIE LKYRV
VSWFSP

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

5. Product Description

This product is a recombinant Human CD47 partial protein (19-139aa) expressed in Mammalian cell. The protein is with hFc1-Avi tag at the C-terminus, which facilitates protein purification, detection and identification. CD47, also known as IAP or OA3 or MER6, 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.