



Recombinant Human CD28 Protein Product Manual

1. Product Basic Information

Product No.: REP06373

Protein Name: Cd28 Molecule (CD28)

Aliases: Tp44; IMD123; CD28 molecule

UniProt ID: P10747

UniProt Link: <https://www.uniprot.org/uniprotkb/P10747/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Extracellular Domain (19-152aa)

Molecular Weight: 44.1

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (19-152aa)

NKILVKQSPMLVAYDNAVNLSCKYSYNLFSREFRASLHKGLDSAVEVCVVYGNYSQ
QLQVYSKTGFNCDGKLGNESVTFYLQNLVYNQTDIYFCKIEVMYPPPYLDNEKSNG
TIIHVKGKHLCPSPFPGPSKP

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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



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This product is a recombinant Human CD28 extracellular domain protein (19-152aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. CD28, also known as Tp44 or IMD123 or CD28 molecule, 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.