



Recombinant Human CD6 Protein Product Manual

1. Product Basic Information

Product No.: REP06391

Protein Name: Cd6 Antigen (CD6)

Aliases: T12; CD6 antigen; CD6 molecule; T-cell differentiation antigen CD6

UniProt ID: P30203

UniProt Link: <https://www.uniprot.org/uniprotkb/P30203/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (18-398aa)

Molecular Weight: 44.3 kDa

Protein Tag: C-terminal 6xHis-Myc-tagged

2. Amino Acid Sequence (18-398aa)

HPSPAPPDQLNTSSAESELWEPGERLPVRLTNGSSSSCSGTVEVRLEASWEPACGA
LWDSRAAEAVCRALGCGGAEAAASQLAPPTPELPPPPAAGNTSVAANATLAGAPALL
CSGAEWRLCEVVEHACRS DGRRARVTCAENRALRLVDGGGACAGRVEMLEHGE
WGSVCDDTDWLEDAHVVCRLGCGWAVQALPGLHFTPGRGPIHRDQVNCSGAE
AYLWDCPGLPGQHYCGHKEDAGAVCSEHQSWRLTGGADRCEGQVEVHFRGVW
NTVCDSEWYPSEAKVLCQSLGCGTAVERP KGLPHSLSGRMYYSCNGEELTLNCS
WRFNNSNLCSQSLAARVLC SASRSLHNLSTPEVPASVQTVTI ESSVTVKIENKESRE

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



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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 CD6 partial protein (18-398aa) expressed in Yeast. The protein is with 6xHis-Myc tag at the C-terminus, which facilitates protein purification, detection and identification. CD6, also known as T12 or CD6 antigen or CD6 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.