



Recombinant Human CD2 Protein Product Manual

1. Product Basic Information

Product No.: REP06366

Protein Name: Lfa-Cd2 Molecule (CD2)

Aliases: T11; SRBC; LFA-CD2 molecule; LFA-3 receptor; rosette receptor; erythrocyte receptor; T-cell surface antigen CD2

UniProt ID: P06729

UniProt Link: <https://www.uniprot.org/uniprotkb/P06729/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (25-209aa)

Molecular Weight: 37.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (25-209aa)

KEITNALETWGALGQDINLDIPSFQMSDDIDDIKWEKTSDDKKIAQFRKEKETFKDKD
TYKLFKNGTLKIKHLKTDDQDIYKVSIDYDTKGKNVLEKIFDLKIQERVSKPKISWTCINT
TLTCEVMNGTDPELNLYQDGKHLKLSQRVITHKWTTSLSAKFKCTAGNKVSKESSV
EPVSCPEKGLD

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 CD2 extracellular domain protein (25-209aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CD2, also known as T11 or SRBC or LFA-CD2 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.