Recombinant Human CD37 Protein Product Manual

1. Product Basic Information

Product No.: REP06378

Protein Name: Cd37 Molecule (CD37)

Aliases: GP52-40; TSPAN26; tspan-26; CD37 molecule; tetraspanin-26; leukocyte antigen CD37; leukocyte surface antigen CD37; cell differentiation antigen 37

UniProt ID: P11049

UniProt Link: https://www.uniprot.org/uniprotkb/P11049/entry

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (112-241aa)

Molecular Weight: 16.3 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (112-241aa)

RAQLERSLRDVVEKTIQKYGTNPEETAAEESWDYVQFQLRCCGWHYPQDWFQVLI LRGNGSEAHRVPCSCYNLSATNDSTILDKVILPQLSRLGHLARSRHSADICAVPAES HIYREGCAQGLQKWLHNN

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 CD37 partial protein (112-241aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CD37, also known as GP52-40 or TSPAN26 or tspan-26, 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.