



Recombinant Human CD9 Protein Product Manual

1. Product Basic Information

Product No.: REP06402

Protein Name: 5H9 Antigen (CD9)

Aliases: MIC3; MRP-BTCC-DRAP-27; TSPAN29; TSPAN-29; 5H9 antigen; CD9 antigen; antigen CD9; CD9 molecule; tetraspanin-29; BA-2/p24 antigen; CD9 antigen (p24); leukocyte antigen MIC3

UniProt ID: P21926

UniProt Link: <https://www.uniprot.org/uniprotkb/P21926/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (112-195aa)

Molecular Weight: 17.1 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (112-195aa)

SHKDEVIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPK
KDVLETFTVKSCPDAIKEVFDNKFHI

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 CD9 partial protein (112-195aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. CD9, also known as MIC3 or MRP-BTCC-DRAP-27 or TSPAN29, 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.