

Recombinant Human SLAMF7 Protein Product Manual

1. Product Basic Information

Product No.: REP08240

Protein Name: Protein 19A (SLAMF7)

Aliases: 19A; CS1; CD319; CRACC; protein 19A; CD2 subset 19A24 protein; SLAM family member membrane protein FOAP-12; CD2-like receptor activating cytotoxic cells; novel LY9 (lymphocyte antigen 9) like protein

UniProt ID: Q9NQ25

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NQ25/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (23-226aa)

Molecular Weight: 29.8 kDa

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

2. Amino Acid Sequence (23-226aa)

SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRE
RVDFPDGGYSLKLSKLNKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVMT
GLQSNKNGTCVTNLTCCMEHGEEVDVIYTWKALGQAANESHNGSILPISWRWGESD
MTFICVARNPVSRNFSSPILARKLCEGAADDPDSSM

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 SLAMF7 partial protein (23-226aa) 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. SLAMF7, also known as 19A or CS1 or CD319, 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.