



Recombinant Human CRTAM Protein Product Manual

1. Product Basic Information

Product No.: REP06552

Protein Name: Cytotoxic And Regulatory T Cell Molecule (CRTAM)

Aliases: cytotoxic and regulatory T cell molecule; cytotoxic and regulatory T-cell molecule; class-I MHC-restricted T-cell-associated molecule

UniProt ID: O95727

UniProt Link: <https://www.uniprot.org/uniprotkb/O95727/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (18-287aa)

Molecular Weight: 58.9 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (18-287aa)

SLTNHTETITVEEGQTLTLKCVTSLRKNSSLQWLTPSGFTIFLNEYPAKNSKYQLLH
HSANQLSITVPNVTLQDEGVYKCLHYSDSVSTKEVKVIVLATPFKPILEASVIRKQNG
EEHVVLNMCSTMRSPPPQITWLLGNSMEVSGGTLEFETDGKKCNTTSTLIHTYVK
NSTVDCIIRHRGLQGRKLVAPFRFEDLVTDEETASDALERNLSSQDPQQPTSTVSV
TEDSSTSEIDKEEKEQTTQDPDLTTEANPQYLGLARKKSG

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 CRTAM partial protein (18-287aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. CRTAM, also known as cytotoxic and regulatory T cell molecule or cytotoxic and regulatory T-cell molecule or class-I MHC-restricted T-cell-associated 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.