



Recombinant Human LY6E Protein Product Manual

1. Product Basic Information

Product No.: REP07392

Protein Name: Stem Cell Antigen Lymphocyte Antigen 6E (LY6E)

Aliases: RIGE; SCA2; RIG-SCA-TSA-ly-6E; stem cell antigen lymphocyte antigen 6E; lymphocyte antigen 6 complex, locus E

UniProt ID: Q16553

UniProt Link: <https://www.uniprot.org/uniprotkb/Q16553/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (21-101aa)

Molecular Weight: 24.5kDa

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

2. Amino Acid Sequence (21-101aa)

LMCFSCLNQKSNLYCLKPTICSDQDNYCVTVSASAGIGNLVTFGHSLSKTCSPACPI
PEGVNVGVASMGISCCQSFLCNFS

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 LY6E full length of mature protein protein (21-101aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. LY6E, also known as RIGE or SCA2 or RIG-SCA-TSA-Iy-6E, 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.