



Recombinant Human CEACAM8 Protein Product Manual

1. Product Basic Information

Product No.: REP06427

Protein Name: Cd67 Antigen (CEACAM8)

Aliases: CD67; CGM6; CD66b; NCA-95; CD67 antigen; cell adhesion molecule CEACAM8; non-specific cross-reacting antigen NCA-95

UniProt ID: P31997

UniProt Link: <https://www.uniprot.org/uniprotkb/P31997/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (35-320aa)

Molecular Weight: 47.5kDa

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

2. Amino Acid Sequence (35-320aa)

QLTIEAVPSNAAEGKEVLLL VHNLPQDPRGYNWYKGETVDANRRRIIGYVISNQQITP
GPAYSNRETIYPNASLLMRNVTRNDTGSYTLQVIKLNLMSEEV TGQFSVHPETPKPS
ISSNNSNPVEDKDAVAFTCEPETQNTTYLWWWNGQSLPVSPRLQLSNGNRTL TLLS
VTRNDVGPECEIQNPASANFSDPVT LNVLYGPDAPTISPDTYYHAGVNLNLSCH
AASNPPSQYSWSVNGTFQQYTQKLFIPNITTKNSGSYACHTTNSATGRNRTTVRMI
TVSD

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 CEACAM8 full length of mature protein protein (35-320aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CEACAM8, also known as CD67 or CGM6 or CD66b, 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.