



Recombinant Green monkey CTSL Protein Product Manual

1. Product Basic Information

Product No.: REP06595

Protein Name: Cathepsin Cathepsin L1 (CTSL)

Aliases: MEP; CATL; CTSL1; cathepsin cathepsin L1; procathepsin major excreted protein

UniProt ID: Q9GKL8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9GKL8/entry>

Species Source: Chlorocebus aethiops (Green monkey) (Cercopithecus aethiops)

Expression System: E.coli

Protein Length: Partial (114-333aa)

Molecular Weight: 40.1kDa

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

2. Amino Acid Sequence (114-333aa)

APRSVDWREKGYVTPVKNQGQCGSCWAFSATGALEGQMFRKTGKLVSLSEQNLV
DCSGPQGNEGCNGGLMDYAFQYVADNGGLDSEESYPYEATEESCKYNPEYSVAN
DTGFVDIPKQEKALMKAVATVGPISVAIDAGHESFMFYKEGIYFEPDCSSEDMDHGV
LVVGYGFESTESDNSKYWLVKNSWGEEWGMGGYIKMAKDRRNHCGIASAASYPT
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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

5. Product Description

This product is a recombinant Green monkey CTSL partial protein (114-333aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CTSL, also known as MEP or CATL or CTSL1, 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.