

Recombinant Mouse U17LC Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51125

Size: 10ug, 100ug

Protein Name: Ubiquitin carboxyl-terminal hydrolase 17-like protein C (EC 3.4.19.12)
(Deubiquitinating enzyme 2)

Synonym: Usp17lc, DUB-2, Dub2, Usp17l5

UniProt ID: G5E8I7

UniProt Link: www.uniprot.org/uniprotkb/G5E8I7/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 545 AA

Molecular Weight: 61 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MVVSLSFPEADPALSSPGAQQLHQDEAQVVVELTANDKPSLSWECPPQGPQGLQNTGNSCYLNAALQCLTHTPPLADYMLSQEYSQTCCSPEGCKMCAMEAHVTQSLHSHSGDVMKPSQILTSAFHKHQQEDAHEFLMFTLETMHESCLQVHRQSEPTSEDSSPIHDIFGGLWRSQIKCLHCQGTSDTYDRFLDVP
LDISSAQSVNQALWDTEKSEELRGENAYYCGRCRQKMPASKTLHIHSAPKVLLVLKRFSAFMGKNLDRKVSYPEFLDLKPYLSQPTGGPLPYALYAVLVHEGATCHSGHYFSYVKARHGAWYKMDDTKVTSC
DVTSVLNENAYVLFYVQQTDLKQVSDMPEGRVHEVLDPEYQLKKSRRKKHKKKSPCTEDAGEPCK
NREKRATKETSLGEGKVLQEKNHKKAGQKHENTKLVPQEQNHQKLGQKHRINEILPQEQNHQKAG
QSLRNTEGELDLPADAIVHLLRSTENWGRDAPDKENQPWHNADRLLTSQDPVNTGQLCRQEGRR
RSKKGKNKNKQGQRLLVC

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant Ubiquitin carboxyl-terminal hydrolase 17-like protein C (EC 3.4.19.12) (Deubiquitinating enzyme 2) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes (PubMed:11443643, PubMed:8995226). Important for preimplantation stage embryonic development (PubMed:22984479).

Subcellular Localization: Nucleus . Endoplasmic reticulum .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.