

Recombinant Rat UTER Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52295

Size: 10ug, 100ug

Protein Name: Uteroglobin (Club cell phospholipid-binding protein) (CCPBP) (Club cells 10 kDa secretory protein) (CC10) (PCB-binding protein) (Secretoglobin family 1A member 1)

Synonym: Scgb1a1, Cc10, Ugb, Utg

UniProt ID: P17559

UniProt Link: www.uniprot.org/uniprotkb/P17559/entry

Species Source: Rat

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 96 AA

Molecular Weight: 10 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MKIAITITVLMLSICCSSASSDICPGFLQVLEALLLGSESNYEAALKPFNPASDLQNAGTQLKRLVDTLP
QETRINIVKLTEKILTSPLCEQDLRV

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 Uteroglobin (Club cell phospholipid-binding protein) (CCPBP) (Club cells 10 kDa secretory protein) (CC10) (PCB-binding protein) (Secretoglobin family 1A member 1) 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: Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2.

Subcellular Localization: Secreted.

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.