



Recombinant Rat CCDC112 Protein Product Manual

1. Product Basic Information

Product No.: REP06341

Protein Name: Mutated In Bladder Cancer Coiled-Coil Domain Containing 112 (CCDC112)

Aliases: mutated in bladder cancer coiled-coil domain containing 112

UniProt ID: Q8NEF3

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8NEF3/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: Mammalian cell

Protein Length: Full Length (1-525aa)

Molecular Weight: 62.5 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-525aa)

MAALTTVVVAAAATAVAGAVAGAGAAAGTGVGAAPTPQQSNVGFSASGGIRPFQL
QNWKQKVSWTKKAEFIRTAEKLNQVIVIEKDKHSHFYNQRGHFRTEYSLLELEN
KLINSRKMERAKIQQLAKIHNNVKKLQNQLKSVKPTPDFVEKLREMMEEIENAINTF
KEEQRLIYEELIQEEKTTNNELSAISRRIESWALGNSETERAFRAISSKLPVDRVTPST
LPEEVIEFEKFLQQTGGRQGGWDDLHDHQNFKVRNKHGKLTFMKEVIEHLPGRTL
DEIQQHEKWYQKFLALEEKKKESIQNWKIKKQQKKEEILKLKEKADTTPPPSQSKPE
DNLKQKEEQQRKKQKLAVEAWKKQKSIEMSVKQASQLREEEKERKQQRERQRQS
KLKLLLESYTQQKREQEEFLRLEKEIKEKTEKAEKRKTADEISRFRQERDLHKLELKIL
DRQAKKEEKAQKRRRLTKLKEKVESNVGRDPSRLYKPTRGWEQRTKKIGPLDSGP
LLHIPHRAIPTWRQGI

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

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 Rat CCDC112 full length protein (1-525aa) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CCDC112, also known as mutated in bladder cancer coiled-coil domain containing 112, 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.