

Recombinant Mouse WNK3 Protein Product Manual

1. Product Basic Information

Product No.: REP08659

Protein Name: WNK3

Aliases: PRS; MRXS2; PRKWNK3

UniProt ID: Q9BYP7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BYP7/entry>

Species Source: Mus musculus (Mouse)

Expression System: Baculovirus

Protein Length: Partial (1-416aa)

Molecular Weight: 50.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-416aa)

MATDSGEPASTEDSEKPDGVSFENRAARAVAPLTVEARIKEKYSTFSASGENIERK
RFFRKSVENTEDDKVAESSRRDERKAATNISRVDKVPTNVLRGGQEVKYEQCSKA
TSESSKDCFKEKTEKEMEEEEAEMKAVATSPSGRFLKFDIELGRGAFKTVYKGLDTE
TWVEVAWCELQDRKLTKAEQQRKFKEEAEMLKGLQHPNIVRFYDSWESTLKGKKCI
VLVTELMTSGTLKTYLKRFKVMKPKVLRSWCRQILKGLQFLHTRTPPIIHRDLKCDNI
FITGPTGSVKIGDLGLATLMRTSFAKSVIGTPEFMAPEMYEEHYDESVDVYAFGMC
MLEMATSEYPYSECQNAAQIYRKVTSGIKPASFNKVTDPEVKEIIEGCIRQNKSERLS
IKDLLNHAFFAEDTGLRVELAE

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 Mouse WNK3 partial protein (1-416aa) expressed in Baculovirus. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. WNK3, also known as PRS or MRXS2 or PRKWNK3, 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.