



Recombinant Mouse DOCK2 Protein Product Manual

1. Product Basic Information

Product No.: REP06700

Protein Name: Dedicator Of Cytokinesis Dedicator Of Cyto-Kinesis Dedicator Of Cytokinesis Protein 2 (DOCK2)

Aliases: dedicator of cytokinesis dedicator of cyto-kinesis dedicator of cytokinesis protein 2

UniProt ID: Q92608

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92608/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (1210-1621aa)

Molecular Weight: 55.9 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1210-1621aa)

YKDNNREEMYIRYLYKLRDLHLCENYTEAAAYTLLLHTWLLKWSDEQCASQVMQT
GQQHPQTHRQLKETLYETIIGYFDKGKMWEEAISLCKELAEQYEMEIFDYELLSQNL
TQQAIFYENIMKILRTKPDYFAVGYYGQGFPFLRNKVFIYRGKEYERREDFQMQL
LSQFPNAEKMNTTSAPGDDVRNAPGQYIQCFTVQPVLDHPRFKNKPVPDQIINFY
KSNYVQKFHYSRPVRRGKVDPENEFASMWIERTSFLTAYKLPGILRWFEVVHMSQT
TISPLENAIETMSTVNEKILMMINQYQSDESLPINPLSMLLNGIVDPAVMGGFAKYEK
AFFTEEYSREHPEDQDKLSHLKDLIAWQIPFLGAGIKIHEKRVSDNLRPFHDRMEEC
FKNLKMKEKEYGVREM

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 DOCK2 partial protein (1210-1621aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. DOCK2, also known as dedicator of cytokinesis dedicator of cyto-kinesis dedicator of cytokinesis protein 2, 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.