



Recombinant Mouse ADRBK2 Protein Product Manual

1. Product Basic Information

Product No.: REP06073

Protein Name: G Protein-Coupled Receptor Kinase 3 (ADRBK2)

Aliases: G protein-coupled receptor kinase 3

UniProt ID: P35626

UniProt Link: <https://www.uniprot.org/uniprotkb/P35626/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-688aa)

Molecular Weight: 87.1 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-688aa)

MADLEAVLADVSYLMAMEKSKTAPAAARASKKVVLPEPSIRSVMQRYLAERNEITFDK
IFNQKIGFLLFKDFCLNEIGEAVPQVKFYEEIKEYEKLDNEEDRLRRSRQMYDAYIMR
ELLSSTHQFSKQAVEHVQSHLSKKQVTATLFQPYIEEICESLRGDIFQKFMESDKFT
RFCQWKNVELNIHLSMNDFS VHRIIGRGGFGEVYGCRKADTGKMYAMKCLDKKRV
KMKQGETLALNERIMLSLVSTGDCPFIVCMTYAFHTPDKLCFILDLMNGGDMHYHLS
QHGVFSEKEMRFYASEIILGLEHMHTCFVVYRDLKPANILLDEYGHVRISDLGLACDF
SKKKPHASVGTGHYMAPEVLQKGTCTYDSSADWFSLGCMFLKLLRGHSPFRQHKTK
DKHEIDRMTLT VNVQLPDAFSPELRSLLLEGLLQRDVSQRLGCGGGGARELKEHIF
KGIDWQHVVYLRKYPPPLIPPRGEVNAADAFDIGSFDEEDTKGIKLLDCDQDLYKNFP
LVISERWQQEVVETIYDAVNADTDKIEARRKAKNKQLGQEEDYAMGKDCIMHGYML
KLGNPFLTQWQRRYFYLFNRLWRGEGESRQSLLTMEQIMSVEETQIKDRKCILL
RIKGGKQFVLQCESDPEFAQWLKELTCTFNEAQRLLRRAPKFLNKPRAAILEFSKPP
LCHRNSSGL

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)

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 ADRBK2 full length protein (1-688aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. ADRBK2, also known as G protein-coupled receptor kinase 3, 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.