

Recombinant Mouse PPP2R1A Protein Product Manual

1. Product Basic Information

Product No.: REP07867

Protein Name: Medium Tumor Antigen-Associated 61 Kda Protein (PPP2R1A)

Aliases: HJS2; MRD36; PP2AA; PR65A; PP2AAALPHA; PP2A-Aalpha; medium tumor antigen-associated 61 KDA protein

UniProt ID: P30153

UniProt Link: <https://www.uniprot.org/uniprotkb/P30153/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-589aa)

Molecular Weight: 72.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-589aa)

AAADGDDSLYPIAVLIDELRNEDVQLRLNSIKKLSTIALALGVERTRSELLPFLTDTIYD
EDEVLLALAEQLGTFTTLVGGPEYVHCLLPPLSLATVEETVVRDKAVESLRAISHEH
SPSDLEAHFVPLVKRLAGGDWFTSRTSACGLFSVCYPRVSSAVKAELRQYFRNLCS
DDTPMVRRAAASKLGEFAKVLELDNVKSEIIPMFSNLASDEQDSVRLLAVEACVNIA
QLLPQEDLEALVMPTLRQAAEDKSWRVRYMVADKFTLQKAVGPEITKTDLVPAFQ
NLMKDCEAEVRAAASHKVKEFCENLSADCRENVIMTQILPCIKELVSDANQHVKSAL
ASVIMGLSPILGKDNTEHLLPLFLAQLKDECPEVRLNIISNLDVNEVIGIRQLSQSLL
PAIVELAEDAKWRVRLAII EYMP LLAGQLGVEFFDEKLNSLCMAWLVDHVYAIREAA
TSNLKKLVEKFGKEWAHATIIPKVLAMSGDPNYLHRMTTLFCINVLSEVCGQDITTKH
MLPTVLRMAGDPVANVRFNVAKSLQKIGPILDNSTLQSEVKPILEKLTQDQDQVDVKY
FAQEALTVLSLA

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).



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 PPP2R1A full length of mature protein protein (2-589aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PPP2R1A, also known as HJS2 or MRD36 or PP2AA, 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.