

Recombinant Human PPP1R15A Protein Product Manual

1. Product Basic Information

Product No.: REP07866

Protein Name: Growth Arrest And Dna-Damage-Inducible 34 (PPP1R15A)

Aliases: growth arrest and DNA-damage-inducible 34; protein phosphatase 1 regulatory subunit 15A

UniProt ID: O75807

UniProt Link: <https://www.uniprot.org/uniprotkb/O75807/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (40-674aa)

Molecular Weight: 71.1kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (40-674aa)

GPLEPWLVEAVKGAALVEAGLEGEARTPLAIPHTPWGRRPEEEAEDSGGPGEDRE
TLGLKTSSSLPEAWGLLDDDDGMYGEREATSVPRGQGSQFADGQRAPLSPSLLIR
TLQGS DKNPGE EKAEEEGVAEEEGVNKFSYPPSHRECCPAVEEEDDEEAVKKEAH
RTSTSALSPGSKPSTWVSCPGEENQATEDKRTERS K GARKTSVSPRSSGSDPRS
WEYRSGEASEEKEEKAKH KETGKG E AAPGPQSSAPAQR PQLKSWWCQPSDEEEG
EVKALGAAEKDGEAECPPIPPSAFLKAWVYWPGEDEEEEEDEEDEDSDSGSD
EEEGEAEASSSTPATGVFLKSWVYQPGEDTEEEDEDEDSDTGSAEDEREAETSAST
PPASAF LKAWVYRPGEDTEEEDEDEDV DSEDKEDDSEAALGEAESDPHP SHPDQRA
HFRGWGYRPGKETEEEEAAEDWGEA EPCPFRVAIYVPGEKPPPPWAPPRLPLRLQ
RRLKRPETPTHDPDPETPLKARKVRFSEKVTVHFLAVWAGPAQAARQGPWEQLAR
DRSRFARRITQAQEELSPCLTPAARARAWARLRNPPLAIPALTQTLPSSSVSPSPV
QTTPLSQAVATPSRSSAAAAAALDLSGRRG

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 Human PPP1R15A partial protein (40-674aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PPP1R15A, also known as growth arrest and DNA-damage-inducible 34 or protein phosphatase 1 regulatory subunit 15A, 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.