



Recombinant Human DPYSL2 Protein Product Manual

1. Product Basic Information

Product No.: REP06708

Protein Name: DPYSL2

Aliases: DRP2; N2A3; CRMP2; DRP-ULIP2; CRMP-DHPRP2

UniProt ID: Q16555

UniProt Link: <https://www.uniprot.org/uniprotkb/Q16555/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length (1-572aa)

Molecular Weight: 64.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-572aa)

MSYQGKKNIPIRITSDRLLIKGGKIVNDDQSFYADIYMEDGLIKQIGENLIVPGGVKTIE
AHSRMVIPGGIDVHTRFQMPDQGMTSADFFQGTKAALAGGTTMIIDHVPEPGTS
LLAAFDQWREWADSKSCCDYSLHVDISEWHKGIQEEMEALVKDHGVNSFLVYMAF
KDRFQLTDCQIYEVLSVIRDIGAIQVHAENGDIIEEQQRILDLGITGPEGHVLSRPE
EVEAEAVNRAITIANQTNCPYITKVMSSAEVIAQARKKGTVVYGEPIASLGTDG
SHYWSKNWAKAAAFVTSPPLSPDPTTDFLNSLLSCGDLQVTGSAHCTFNTAQKA
VGKDNFTLIPEGTNGTEERMSVIWDKAVVTGKMDENQFVAVTSTNAKVFNLYPRK
GRIAVGSDADLVIWDPDSVKTISAKTHNSSLEYNIFEGMECRGSPLVVISQGKIVLED
GTLHVTEGSGRYIPRKPFDFVYKRIKARSRLAELRGVPRGLYDGPVCEVSVTPKTV
TPASSAKTSPAKQQAPPVRNLHQSGFSLSGAQIDDNIPRRTTQRIVAPPGGRANITS
LG

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

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 DPYSL2 full length protein (1-572aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DPYSL2, also known as DRP2 or N2A3 or CRMP2, 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.