



Recombinant Human DDX5 Protein Product Manual

1. Product Basic Information

Product No.: REP06650

Protein Name: Dead Box-Rna Helicase P68 (DDX5)

Aliases: p68; HLR1; G17P1; HUMP68; DEAD box-RNA helicase p68; putative ATP-dependent RNA helicase DDX5

UniProt ID: P17844

UniProt Link: <https://www.uniprot.org/uniprotkb/P17844/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-614aa)

Molecular Weight: 74.1 kDa

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

2. Amino Acid Sequence (1-614aa)

MSGYSSDRDRGRDRGFGAPRFGGSRAGPLSGKKFGNPGEKLVKKKWNLDLPKF
EKNFYQEHPDLARRTAQEVEYRRSKEITVRGHNCPPVNLNFYEANFPANVMDVIA
RQNFTEPTAIQAQGWVVALSGLDMVGVAQTGSGKTL SYLLPAIVHINHQPFLERGD
GPICLVLAPTRELAQQVQQVAAEYCRACRLKSTCIYGGAPKGPQIRDLERGVEICIAT
PGRLLDFLECGKTNLRRTTYLVLDEADRMLDMGFEPQIRKIVDQIRPDRQTLMWSAT
WPKEVRQLAEDFLKDYIHINIGALELSANHNILQIVDVCHDVEKDEKLIRLMEEIMSEK
ENKTIVFVETKRRCDELTRKMRRDGWPAMGIHGDKSQQERDWVLNEFKHGKAPILI
ATDVASRGLDVEDVKFVINYDYPNSEDYIHRIGRTARSTKTGTAYTFFTPNNIKQVS
DLISVLREANQAINPKLLQLVEDRGSGRSRGRGGMKDDRRDRYSAGKRGGFNTFR
DRENYDRGYSSLLKRDFGAKTQNGVYSAANYTNGSFGSNFVSAGIQTSFRTGNPT
GTYQNGYDSTQQYGSNVPNMHNGMNQQAYAYPATAAAPMIGYPMPTGYSQ

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 DDX5 full length protein (1-614aa) 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. DDX5, also known as p68 or HLR1 or G17P1, 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.