



Recombinant Human DYNC1I1 Protein Product Manual

1. Product Basic Information

Product No.: REP06731

Protein Name: Dh Ic-Dynein Intermediate Chain 1, Cytosolic (DYNC1I1)

Aliases: DNC11; DNCIC1; DH IC-dynein intermediate chain 1, cytosolic

UniProt ID: O14576

UniProt Link: <https://www.uniprot.org/uniprotkb/O14576/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Full Length (1-645aa)

Molecular Weight: 75.4 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-645aa)

MSDKSDLKAELERKKQRLAQIREKKRKEEERKKKEADMQQKKEPVQDDSDLDRK
RRETEALLQSIGISPEPPLVQPLHFLTWDTCYFHYLVPTPMSPSSKSVSTPSEAGSQ
DSGDLGPLTRTLQWDTDPVLQLQSDSELGRRLHKLGVSKVTQVDFLPREVVSYS
KETQTPLATHQSEDEEDEEMVESKVGQDSELENQDKKQEVKEAPPRELTEEEKQ
QILHSEEFLLIFFDRTIRVIERALAEDSDIFFDYSGRELEEKDGDVQAGANLSFNRFY
DEHWSKHRVVT CMDWSLQYPELMVASYN NNEDAPHEPDGVALVWNMKFKTTPE
YVFHCQSSVMSVCFARFHPNLVVG GTYSGQIVLWDNRSHRTPVQRTPLSAAHT
HPVYCVNVVGTQNAHNLITVSTDGKMCSWSLDM LSTPQESMELVYNKSKPVAVTG
MAFPTGDVNNFVVGSEEGTVYTACRHGSKAGIGEVFEGHQGPVTGINCHMAVGPI
DFSHLFVTSSFDWTVKLWTTKHNKPLYSFEDNADYVYDVMWSPVHPALFACVDGM
GRLDLWNLNNDTEVPTASVAIEGASALNRVRWAQAGKEVAVGDSEGRIVVYDVGE
LAVPHNDEWTRFARTLVEIRANRADSEEEGTVELSA

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).

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 DYNC111 full length protein (1-645aa) expressed in Baculovirus. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DYNC111, also known as DNCI1 or DNCIC1 or DH IC-dynein intermediate chain 1, cytosolic, 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.