



Recombinant Human MEF2C Protein Product Manual

1. Product Basic Information

Product No.: REP07436

Protein Name: Del5Q14.C5Delq14.Myocyte Enhancer Factor 2C (MEF2C)

Aliases: NEDHSIL; DEL5q14.C5DELq14.myocyte enhancer factor 2C; myocyte-specific enhancer factor 2C

UniProt ID: Q06413

UniProt Link: <https://www.uniprot.org/uniprotkb/Q06413/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-473aa)

Molecular Weight: 52.4 kDa

Protein Tag: C-terminal Flag-tagged

2. Amino Acid Sequence (1-473aa)

MGRKKIQITRIMDERNRQVTFTRKRFGLMKKAYELSVLCDCEIALIIFNSTNKLQFYAS
TDMDKVLLKYTEYNEPHESRTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPESD
KYRKINEDIDLMISRQRLCAVPPPNFEMPVSIPVSSHNSLVYSNPVSSLGNPNLLPLA
HPSLQRNSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPRNSPGLLV
SPGNLNKNMQAKSPPPMNLMNNRKPDLRVLPVPGSKNTMPSVSEDVDLLLNQRI
NNSQSAQSLATPVVSVATPTLPGQGMGGYPSAISTTYGTEYSLSSADLSSLSGFNT
ASALHLGSVTGWQQQHLHNMPPSALSQLGACTSTHLSQSSNLSLPSTQSLNIKSEP
VSPPRDRTTTPSRYPQHTRHEAGRSPVDSLSSCSSSYDGSDREDHRNEFHSPIGL
TRPSPDERESPSVKRMRLSEGWAT

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 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 MEF2C full length protein (1-473aa) expressed in E.coli. The protein is with Flag tag at the C-terminus, which facilitates protein purification, detection and identification. MEF2C, also known as NEDHSIL or DEL5q14.C5DELq14.myocyte enhancer factor 2C or myocyte-specific enhancer factor 2C, 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.