



Recombinant Human MIER2 Protein Product Manual

1. Product Basic Information

Product No.: REP07454

Protein Name: MIER2

Aliases: Mi-er2; KIAA1193

UniProt ID: Q8N344

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8N344/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-545aa)

Molecular Weight: 65.4 kDa

Protein Tag: N-terminal 6xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-545aa)

MAEASSLGRQSPRVVSCLEHSLCPGEPGLQTTAVVSMGSGDHQFNLAEILSQNYS
VRGECEEASRCPDKPKKEELEKDFISQSNMPFDELLALYGYEASDPISDRESEGGD
VAPNLPDMTLDKEQIAKDLLSGEEEEETQSSADDLTPSVTSHEASDLFPNRSRFL
ADEDREPGSSASSDTEEDSLPANKCKKEIMVGPQFQADLSNLHLNRHCEKIYENED
QLLWDPSVLPEREVEEFLYRAVKRRWHEMAGPQLPEGEAVKDSEQALYELVKCNF
NVEEALRRLRFNVKVIRDGLCAWSEEECRNFEHGFRVHGKNFHLIQANKVRTRSVG
ECVEYYLWKKSERDYFAQQTRLGRRKYVPSGTTDADQDLGSDPDGPGRPRP
EQDTLTGMRTDPLSVDGTAGGLDEPGVASDGLPSSEPGPCSFQQLDESPAVPLSH
RPPALADPASYQPAVTAPEPDASPRLAVDFAFPKELPLISSHVDLSGDPEETVAPAQ
VALSVTEFGLIGIDVNPFLAAHPTCPAPGLHSEPLSHCNVMTCT

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 MIER2 full length protein (1-545aa) expressed in E.coli. The protein is dual-tagged with 6xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. MIER2, also known as Mi-er2 or KIAA1193, 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.