



Recombinant Human KIFC1 Protein Product Manual

1. Product Basic Information

Product No.: REP07288

Protein Name: Kinesin-Like Protein Kifc1 (KIFC1)

Aliases: HSET; KNSL2; kinesin-like protein KIFC1; kinesin-related protein HSET

UniProt ID: Q9BW19

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BW19/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-673aa)

Molecular Weight: 81.2 kDa

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

2. Amino Acid Sequence (1-673aa)

MDPQRSPLLEVKGNIELKRPLIKAPSQLPLSGSRLKRRPDQMEDGLEPEKKRTRGL
GATTKITTSHPRVPSLTTVPQTQGQTTAQKVSCKTGPRCSTAIATGLKNQKPVPVAVP
VQKSGTSGVPPMAGGKKPSKRPAWDLKGQLCDLNAELKRCRERTQTLQENQQL
QDQLRDAQQVQKALGTERTTLEGLAKVQAQAEQGGQELKNLRACVLELEERLST
QEGLVQELQKKQVELQEERRGLMSQLEEKERRLQTSEALSSSQAEVASLRQETV
AQAALLTEREERLHGLEMERRLHNQLQELKGNIRVFCRVRPVLPGEPTPPPGLLL
FPSGPGGSPDPTRLSSRSDERRGTLGAPAPPTRHDFSFDVFPFGSGQDEVF
EEIAMLVQSALDGYPCIFAYGQTGSGKTFTMEGGPGGDPQLEGLIPRALRHLFSV
AQELSGQGWTYSFVASVVEIYNETVRDLLATGTRKGQGGEGEIRRAGPGSEELTVT
NARYVPVSCEKEVDALLHLARQNRAVARTAQNERSSSRSHSVFQLQISGEHSSRGL
QCGAPLSLVDLAGSERLDPLGLALGPGERERLRETQAINSSLSTLGLVIMALSNKESH
VPYRNSKLTYYLLQNSLGGSAKMLMFVNISPLEENVSESLNSLRFASKVNQCVIGTAQ
ANRK

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)

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 KIFC1 full length protein (1-673aa) 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. KIFC1, also known as HSET or KNSL2 or kinesin-like protein KIFC1, 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.