



Recombinant Human DSN1 Protein Product Manual

1. Product Basic Information

Product No.: REP06720

Protein Name: Dj469A13.Kinetochore Null 3 Homolog (DSN1)

Aliases: KNL3; MIS13; hKNL-C20orf172; dJ469A13.kinetochore null 3 homolog; DSN1, MIS12 kinetochore complex component; DSN1 component of MIS12 kinetochore complex; kinetochore-associated protein DSN1 homolog; D...

UniProt ID: Q9H410

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H410/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-356aa)

Molecular Weight: 67.1kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-356aa)

MTSVTRSEIIDEKGPVMSKTHDHQLESSLSPVEVFAKTSASLEMNQGVSEERIHLS
SPKKGGNCDLSHQERLQSKSLHLSPQEQSASYQDRRQSWRRASKETNRRKSLH
PIHQGITELSRISVDLAESKRLGCLLLSSFQFSIQKLEPFLRDTKGFSLESFRAKASS
LSEELKHFADGLETDLQKCFEDSNGKASDFSLEASVAEMKEYITKFSLERQTWD
QLLLHYQQEAKEILSRGSTEAKITEVKVEPMTYLGSSQNEVLNTPDYQKILQNQSK
VFDCMELVMDELQGSVKQLQAFMDESTQCFQKVSQVLGKRSMQQLDPSPARKLL
KLQLQNPPAIHGSGSGSCQ

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 DSN1 full length protein (1-356aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. DSN1, also known as KNL3 or MIS13 or hKNL-C20orf172, 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.