

Recombinant Mouse SEPT9 Protein Product Manual

1. Product Basic Information

Product No.: REP08198

Protein Name: Septin 9 (SEPT9)

Aliases: septin 9

UniProt ID: Q9UHD8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UHD8/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-583aa)

Molecular Weight: 69.6 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-583aa)

MKKSYSVTRTSSGRLRRLADPTGPALKRSFEVEEIEPPNSTPPRRVQTPLLRAV
ASSSQKFQDLGVKNSEPAARLVDSLQSRSPKPSLRRVELAGAKAPEPMSRRTEISI
DISSKQVESTASAAGPSRFGLKRAEVLGHKTPEPVPRRTEITIVKPQESVLRRVETP
ASKIPEGSVAVPATDAAPKRVEIQVPKPAEAPNCPLPSQTLSENSEAPMSQLQSRLEP
RPSVAEVPYRNQEDSEVTPSCVGDMDADNPRDAMLKQAPASRNEKAPMEFGYVGI
DSILEQMRRKAMKQGFEFNIMVVGQSGLGKSTLINTLFKSKISRKSVQPTSEERIPKT
IEIKSITHDIEEKGVRMKLTVIDTPGFGDHINNENCWQPIMKFINDQYKEYLQEEVNIN
RKKRIPDTRVHCCLYFIPATGHSLRPLDIEFMKRLSKVVNIVPVIKADTLTLEERVYF
KQRITADLLSNGIDVYPQKEFDEDAEDRLVNEKFREMIPFAVVGSDHEYQVNGKRIL
GRKTKWGTIEVENTHCEFAYLRDLLIRTHMQNIKDITSNIHFEAYRVKRLNEGNSA
MANGIEKEPEAQEM

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 Mouse SEPT9 full length protein (1-583aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. SEPT9, also known as septin 9, 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.