

Recombinant Human SYNM Protein Product Manual

1. Product Basic Information

Product No.: REP08387

Protein Name: Synemin Beta (SYNM)

Aliases: DMN; SYN; synemin; desmuslin; synemin beta; synemin alpha; synemin, intermediate filament protein

UniProt ID: O15061

UniProt Link: <https://www.uniprot.org/uniprotkb/O15061/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1241-1565aa)

Molecular Weight: 42.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1241-1565aa)

SAAGKVG DYFATEESVGTQTSVRQLQLGPKEGFSGQIQFTAPLSDKVELGVIGDSV
HMEGLPGSSTSIRHISIGPQRHQTTQQIVYHGLVPQLGESGDSESTVHGECSADVH
QATHSHTSGRQTVMTKSTFQSVVSESPQEDSAEDTSGAEMTSGVSRFRHIRLG
PTETETSEHIAIRGPVSRTFVLGASADSPKGLADSSRTLRIAPGPKETSFTFQMD
VSNVEAIRSRTQEAGALGVSDRGSWRDADSRNDQAVGVSFKASAGEGDQAHREQ
GKEQAMFDKKVQLQRMVDQRSVISDEKKVALLYLDNEEEENDGHWF

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 SYNМ partial protein (1241-1565aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SYNМ, also known as DMN or SYN or synemin, 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.