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Datasheet for ABIN7546012

**Septin 9 Protein (SEPT9) (AA 1-586) (His tag)**

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | Septin 9 (SEPT9)                                |
| Protein Characteristics:      | AA 1-586  |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This Septin 9 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)           |

## Product Details

|           |  |
|-----------|--|
| Purpose:  | Custom-made recombinat SEPTIN9 Protein expressed in mammalien cells.   |
| Sequence: | MKKSYSYGTR TSSGRLRRLG DSSGPALKRS FEVEEVETPN STPPRRVQTP LLRATVASST<br>QKFQDLGVKN SEPSARHVDS LSQRSPKASL RRVELSGPKA AEPVSRRETEL SIDISSKQVE<br>NAGAIGPSRF GLKRAEVLGH KTPEPAPRRT EITIVKPQES AHRRMEPPAS KVPEVPTAPA<br>TDAAPKRVEI QMPKPAEAPT APSPAQTLEN SEPAPVSQLQ SRLEPKPQPP VAEATPRSQE<br>ATEAAPSCVG DMADTPRDAG LKQAPASRNE KAPVDFGYVG IDSILEQMRR KAMKQGFEN<br>IMVVGQSLG KSTLINTLFK SKISRKSVQP TSEERIPKTI EIKSITHDIE EKGVRMKLTV<br>IDTPGFGDHI NNENCWQPIM KFOUNDQYKEY LQEEVNINRK KRIPDTRVHC CLYFIPATGH<br>SLRPLDIEFM KRLSKVVNIV PVIKADTLT LEERVHFKQR ITADLLSNGI DVYPQKEFDE<br>DSEDRLVNEK FREMIPFAVV GSDHEYQVNG KRILGRKTKW GTIEVENTTH CEFAYLRDLL<br>IRTHMQNIKD ITSSIHFEAY RVKRLNEGSS AMANGMEEKE PEPEM <b>Sequence without tag. The<br/>proposed Purification-Tag is based on experiences with the expression system, a different</b> |

## Product Details

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**complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

Septin 9 (SEPT9)

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### Alternative Name:

SEPTIN9 ([SEPT9 Products](#))

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### Background:

Septin-9 (MLL septin-like fusion protein MSF-A) (MLL septin-like fusion protein) (Ovarian/Breast septin) (Ov/Br septin) (Septin D1),FUNCTION: Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). May play a role in the internalization of 2 intracellular microbial pathogens, *Listeria monocytogenes* and *Shigella flexneri*. {ECO:0000250, ECO:0000305}.

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### Molecular Weight:

65.4 kDa

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### UniProt:

[Q9UHD8](#)

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## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

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## Application Details

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as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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