

Datasheet for ABIN7561213

**Septin 14 Protein (SEPT14) (AA 1-430) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Septin 14 (SEPT14)
Protein Characteristics:	AA 1-430
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Septin 14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Septin14 Protein expressed in mammalien cells.
Sequence:	MAEKPTNTSV PIPGSEDPQK ENIRCLSTLG HFGFECLPTQ LVNKSQKGF SFNILCVGET GIGKTTLINT LFNTNLKETK SSHFYSKVGL TVKTYELLER NIPLRLTVVK TVGYGDQINK EASYQPVDY LDAQFEAYLQ EELKIKRSLA DYHDSRIHVC LYFITPTGHS LKSLDLLTMK SIDRRVNIIP LIAKADSLK NDLQRFKNNI MSELNSNGIQ IYQFQVDDEA SAQVNSSGLL PFAVGSMEE VKVGKRMVRG RHYPWGVLE VENENHCDFV KLRDLLLSTN MEDLKDQHTT QHIECYRSNR LQKLGFSDTG PDNRPVSFQE MYEAKRREFH NQCQKEEEEEL KQTFMQRVKE KELTFKDAEK ELQDKFEHLK RIQQEILKL EEERRKLEEQ IIDFYKMKAA SESAQAQVCT NIKKDKDRKK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Characteristics:	Key Benefits:

## Product Details

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- 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

## Target Details

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Target: Septin 14 (SEPT14)

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Alternative Name: Septin14 ([SEPT14 Products](#))

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Background: Septin-14,FUNCTION: Filament-forming cytoskeletal GTPase (Probable). Involved in the migration of cortical neurons and the formation of neuron leading processes during embryonic development (PubMed:20181826). Plays a role in sperm head formation during spermiogenesis, potentially via facilitating localization of ACTN4 to cell filaments (By similarity). {ECO:0000250|UniProtKB:Q6ZU15, ECO:0000269|PubMed:20181826, ECO:0000305}.

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Molecular Weight: 49.8 kDa

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UniProt: [Q9DA97](#)

## Application Details

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

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months