

Datasheet for ABIN7548045

**GPATCH3 Protein (AA 1-525) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	GPATCH3
Protein Characteristics:	AA 1-525
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPATCH3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GPATCH3 Protein expressed in mammalian cells.
Sequence:	<p>MAVPGEAEEE ATVYLVVSGI PSVLRSAHLR SYFSQFREER GGGFLCFHYR HRPERAPPQA APNSALIPTD PAAEQQLLSQ TSATDVRPLS TRDSTPIQTR TCCCVISVRG LAQAQRLIRM YSGRRWLD SH GTWLPGRCLI RRLRLPTEAS GLGSFPFKTR KELQSWKAEN EAFTLADLKQ LPELNPPVLM PRGNVGTPLR VFLELIRACR LPPRIITQLQ LQFPKTGSSR RYGNVPFEYE DSETVEQEEL VYTAEGEEIP QGTYLADIPA SPCGEPEEEV GKEEEEEESH S DEDDDRGE EW ERHEALHEDV TGOERTTEQL FEEIE LKWE KGGSGLVFYT DAQFWQEEEG DFDEQTADDW DVDMSVYYDR DGGDKDARDS VQMRLEQLR DGQEDGSVIE RQVGTFERHT KGIGRKVMER QGWAEGQGLG CRCSGVPEAL DSDGQHPRCK RGLGYHGEKL QPFGQLKRPR RNGLGLISTI YDEPLPQDQT ELLRRQPPT SMKFR TDMAF VRGSSCASDS PSLPD <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></p>

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** GPATCH3

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**Alternative Name:** GPATCH3 ([GPATCH3 Products](#))

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**Background:** G patch domain-containing protein 3,FUNCTION: Involved in transcriptional regulation. It is able to activate transcription from the CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development (PubMed:28397860). Is a negative regulator of immune antiviral response, acting via down-regulation of RIG-I-like receptors signaling and inhibition of type I interferon production. The control mechanism involves interaction with mitochondrial MAVS and inhibition of MAVS assembly with downstream proteins implicated in antiviral response, such as TBK1 and TRAF6 (PubMed:28414768). {ECO:0000269|PubMed:28397860, ECO:0000269|PubMed:28414768}.

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**Molecular Weight:** 59.3 kDa

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**UniProt:** [Q96176](#)

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## Application Details

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Application Notes: We expect the protein to work for functional studies. 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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