

Datasheet for ABIN7554064  
**GPRIN1 Protein (AA 1-1008) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GPRIN1
Protein Characteristics:	AA 1-1008
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPRIN1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GPRIN1 Protein expressed in mammalian cells.
Sequence:	MDTAEDPAWL QLLQKDSSPP GPRPTAFFCP QDGLGAGSS AMRDYCPSQQ KASPAPPRHT PDQSPGMESR HRSPSGAGEG ASCSDGPRGS LACPSPTCFS PQESPSKETL EAHGASISGT PEATTSKGPE PVSSVKTEPK SSDDRNPMFL EKMDFKSSKQ ADSTSIGKED PGSSRKADPM FTGKAEPEIL GKGDPVAPGR MDPMTVRKED LGSLGKVDPL CSSKTYTVSP RKEDPGSLRK VDPVSSDKVD PVFPRKEEPR YSGKEHPVSS EKVAP TSAEK VDLVLSGKRD PGPSGKADPM PLEMDSAST GKTEPGLLGK LIPGSSGKNG PVSSGTGAPG SLGRLDPTCL GMADPASVGN VETVPATKED SRFLGKMDPA SSGEGRPVSG HTD TTASAKT DL TSLKNVDP MSSGKVD PVS LGKMDPMCSG KPELLSPGQA ERVSVGKAGT VSPGKEDPVS SRREDPISAG SRKTSSEKVN PESSGKTNPV SSGPGDPRSL GTAGPPSAVK AEPATGGKGD PLSSEKAGLV ASGKAAPTAS GKAEPLAVGK EDPVSKGKAD AGPSGQGDSV SIGKVVSTPG KTVPVPSGKV DPVSLGKAEA IPEGKVGSLP LEKGPVTTTT KADPRASGKA QPQSGGKAET KLPQGEGAAA PGEAGAVCLK KETPQASEKV DPGSCRKAEP LASGKGEPVS LGKADSAPSR KTESPSLGKV VPLSLEKTKP

## Product Details

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SSSSRQLDRK ALGSARSPEG ARGSEGRVEP KAEPVSSTEA SSLGQKDLEA AGAERSPCPE  
AAAPPPGPRT RDNFTKAPSW EASAPPPPRE DAGTQAGAQA CVSVAVSPMS PQDGAGGSAF  
SFQAAPRAPS PPSRRDAGLQ VSLGAAETRS VATGPMTPQA AAPPAFPEVR VRPGSALAAA  
VAPPEPAEPV RDVSWDEKGM TWEVYGAAME VEVLGMAIQK HLERQIEEHG RQGAPAPPPA  
ARAGPGRSGS VRTAPPDGA KRPPLFRAL LQSVRRPRCC SRAGPTAE **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.**

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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

## Target Details

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Target: GPRIN1

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Alternative Name: GPRIN1 ([GPRIN1 Products](#))

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Background: G protein-regulated inducer of neurite outgrowth 1 (GRIN1),FUNCTION: May be involved in neurite outgrowth. {ECO:0000250}.

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## Target Details

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Molecular Weight: 102.4 kDa

UniProt: [Q7Z2K8](#)

## 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.

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