

Datasheet for ABIN7548055  
**GPR176 Protein (AA 1-515) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GPR176
Protein Characteristics:	AA 1-515
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR176 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GPR176 Protein expressed in mammalian cells.
Sequence:	<p>MGHNGSWISP NASEPHNASG AEAAGVNRSA LGEFGEAQLY RQFTTTVQVV IFIGSLLGNF MVLWSTCRTT VFKSVTNRFI KNLACSGICA SLVCVPFDII LSTSPHCCWW IYTMLFCKVV KFLHKVFCVS TILSFPAIAL DRYYSVLYPL ERKISDAKSR ELVMYIWAHA VVASVPVFAV TNVADIYATS TCTEVWSNSL GHLVYVLVYN ITTVIVPVVV VFLFLILIRR ALSASQKKKV IIAALRTPQN TISIPYASQR EAEHATLLS MVMVFILCSV PYATLVVYQT VLNVPDTSVF LLLTA VWLPK VSLLANPVLV LTVNKSVRKC LIGTLVQLHH RYSRRNVVST GSGMAEASLE PSIRSGSPLL EMFHIGQQQI FKPTDEEES EAKYIGSADF QAKEIFSTCL EGEQGPQFAP SAPPLSTVDS VSQVAPAAPV EPETFPDKYS LQFGFGPFEL PPQWLSETRN SKRLLPPLG NTPEELIQTK VPKVGRVERK MSRRNKVSIF PKVDS <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:** GPR176

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**Alternative Name:** GPR176 ([GPR176 Products](#))

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**Background:** G-protein coupled receptor 176 (HB-954),FUNCTION: Orphan receptor involved in normal circadian rhythm behavior. Acts through the G-protein subclass G(z)-alpha and has an agonist-independent basal activity to repress cAMP production. {ECO:0000250|UniProtKB:Q80WT4}.

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**Molecular Weight:** 57.0 kDa

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**UniProt:** [Q14439](#)

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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
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