

Datasheet for ABIN7558400
GPR176 Protein (AA 1-515) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GPR176
Protein Characteristics:	AA 1-515
Origin:	Mouse
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>MGHNSSWVSP NTSHPRNTSG AEAGANLSAF GELSEQLYR QFTTTVQVVI FIGSLLGNFM VLWSTCRRTTV FKSVTNRFIK NLACSGICAS VVCVPFDIIL SSSPHCCWWI YTMLFCKVLK FLHKVFCSVT VLSFPAIALD RYYSVLYPLE RKISDAKSRE LVMYIWAHAV VASVPVFAVT NVADIYAMST CTEVWSNSLG HLVYVLIYNV TTVIVPVAVV FLFLILIRRA LSASQKKKVI IAALRTPQNT ISIPYASQRE AELHATLLSM VTVFILCSVP YATLVVYQTV LNPNTSVFL LLTAIWLPKV SLLANPVLFL TVNKSVRKCL VGTLVQLHHR YSRRNVVSTG SGVAEPSLEP SMRSGSQLLE MFHIGQQQIF KPSEDEESE AKYLGSAFQ AKEVLTSCPE GEQEPQLAP SVPPPGTVDS EPRVSPVAPM ESGIFPDKYS LQFGFGPFEL PPQWLSETRN SKRLLPPLG NTPEELIQTK VPRVNRVERK MSRRNKVSIF PKVDS 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.</p>

Product Details

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.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: GPR176

Alternative Name: Gpr176 ([GPR176 Products](#))

Background: G-protein coupled receptor 176 (G-protein coupled receptor AGR9),FUNCTION: Orphan receptor involved in normal circadian rhythm behavior (PubMed:26882873). Acts through the G-protein subclass G(z)-alpha and has an agonist-independent basal activity to repress cAMP production (PubMed:26882873). {ECO:0000269|PubMed:26882873}.

Molecular Weight: 57.1 kDa

UniProt: [Q80WT4](#)

Application Details

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.

Application Details

Restrictions: For Research Use only

Handling

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