

Datasheet for ABIN7548158  
**GPR32 Protein (AA 1-356) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GPR32
Protein Characteristics:	AA 1-356
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR32 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GPR32 Protein expressed in mammalian cells.
Sequence:	<p>MNGVSEGTRG CSDRQPGVLT RDRSCSRKMN SSGCLSEEVG SLRPLTVVIL SASIVGVLG NGLVLWMTVF RMARTVSTVC FFHLALADFM LSLSLPIAMY YIVSRQWLLG EWACKLYITF VFLSYFASNC LLVFISVDRC ISVLYPVWAL NHRTVQRASW LAFGVWLLAA ALCSAHLKFR TTRKWNGCTH CYLAFNSDNE TAQIWIEGVV EGHIIIGTIGH FLLGFLGPLA IIGTCAHLIR AKLLREGWVH ANRPKRLLLV LVSAFFIFWS PFNVLLVHL WRRVMLKEIY HPRMLLILQA SFALGCVNSS LNPFLYVFG RDFQEKFFQS LTSALARAFG EEEFLSSCPR GNAPRE <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>
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:

## 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, 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:	GPR32
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Alternative Name:	GPR32 ( <a href="#">GPR32 Products</a> )
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Background:	<p>Probable G-protein coupled receptor 32,FUNCTION: G-protein coupled receptor that binds to several ligands including resolvin D1 (RvD1) with high affinity, leading to rapid and transient activation of numerous intracellular signaling pathways. In macrophages, enhances the RvD1-stimulated phagocytic and clearance functions (PubMed:20080636). Macrophages migrate less toward different chemoattractant stimuli but phagocytose more microbial particles (PubMed:26969756). Prevents the increase in Ca(2+) and activation of ERK1/2 used by histamine and its H1 receptor subtype to induce goblet cell secretion by activating PKC and GRK2 to counter-regulate the histamine receptor (PubMed:23462912).</p> <p>{ECO:0000269 PubMed:20080636, ECO:0000269 PubMed:23462912, ECO:0000269 PubMed:26969756}.</p>
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Molecular Weight:	40.1 kDa
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UniProt:	<a href="#">O75388</a>
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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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