

Datasheet for ABIN7548035  
**GPR157 Protein (AA 1-335) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GPR157 (GPR175)
Protein Characteristics:	AA 1-335
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR157 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat GPR157 Protein expressed in mammalien cells.
Sequence:	<p>MQPSPPPTTEL VPSERAVLL SCALSALGSG LLVATHALWP DLRSRARRLL LFLSLADLLS AASYFYGVLQ NFAGPSWDCV LQGALSTFAN TSSFFWTVAI ALYLYLSIVR AARGPRTDRL LWAFHVVSWG VPLVITVAAV ALKKIGYDAS DVSVGWCWID LEAKDHVLWM LLTGKLWEML AYVLLPLLYL LVRKHINRAH TALSEYRPIL SQEHRLLRHS SMADKKLVL PLIFIGLRVW STVRFVLTLC GSPAVQTPVL VVLHGIGNTF QGGANCIMFV LCTRAVRTRL FSLCCCCSS QPPTKSPAGT PKAPAPSKPG ESQESQGTPG ELPST <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>
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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	GPR157 (GPR175)
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Alternative Name:	GPR157 ( <a href="#">GPR175 Products</a> )
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Background:	G-protein coupled receptor 157,FUNCTION: Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs). The activity of this receptor is mediated by a G(q)-protein that activates a phosphatidylinositol-calcium second messenger. {ECO:0000250 UniProtKB:Q8C206}.
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Molecular Weight:	36.6 kDa
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UniProt:	<a href="#">Q5UAW9</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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