

Datasheet for ABIN7548062
GPR61 Protein (AA 1-451) (His tag)



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Overview

Quantity:	1 mg
Target:	GPR61
Protein Characteristics:	AA 1-451
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR61 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GPR61 Protein expressed in mammalian cells.
Sequence:	<p>MESSPIQSS GNSSTLGRVP QTPGPSTASG VPEVGLRDVA SESVALFFML LLDLTAVAGN AAVMAVIAKT PALRKVFVVF HLCLVDLLAA LTLMPLAMLS SSALFDHALF GEVACRLYLF LSVCFVSLAI LSVSAINVER YYYVHMPRY EVRMTLGLVA SVLVGVVWKA LAMASVPVLG RVSWEEGAPS VPPGCSLQWS HSAYCQLFVW VFAVLYFLLP LLLILVYCS MFRVARVAAM QHGPLPTWME TPRQRSELS SRSTMVTSSG APQTTPHRTF GGGKAAVLL AVGGQFLLCW LPYFSFHLYV ALSAQPISTG QVESVWTWIG YFCFTSNPFF YGCLNRQIRG ELSKQFVCFE KPAPEEELRL PSREGSIEEN FLQFLQGTGC PSESWVSRPL PSPKQEPPAV DFRIPGQIAE ETSEFLEQQL TSDIIMSDSY LRPAASPRLE S 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

GPR61

Alternative Name:

GPR61 ([GPR61 Products](#))

Background:

G-protein coupled receptor 61 (Biogenic amine receptor-like G-protein coupled receptor),FUNCTION: Orphan G-protein coupled receptor. Constitutively activates the G(s)-alpha/cAMP signaling pathway (PubMed:28827538). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:28827538). May be involved in the regulation of food intake and body weight (By similarity). {ECO:0000250|UniProtKB:Q8C010, ECO:0000269|PubMed:28827538}.

Molecular Weight:

49.3 kDa

UniProt:

[Q9BZJ8](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

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
