

Datasheet for ABIN7558280

G Protein-Coupled Receptor 119 Protein (GPR119) (AA 1-335) (His tag)



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Overview

Quantity:	1 mg
Target:	G Protein-Coupled Receptor 119 (GPR119)
Protein Characteristics:	AA 1-335
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This G Protein-Coupled Receptor 119 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Gpr119 Protein expressed in mammalien cells.
Sequence:	MESSFSFGVI LAVLTILIIA VNALVVVAML LSIYKNDGVG LCFTLNLAVA DTLIGVAISG LVTDDLSSSA QHTQKTLCSL RMAFVTSSAA ASVLTVMILIA FDRYLAIKQP LRYFQIMNGL VAGACIAGLW LVSYLIGFLP LGVSIFQQT YHGPCSFFAV FHPRFVLTLS CAGFFPAVLL FVFFYCDMLK IASVHSQQIR KMEHAGAMAG AYRPPRSVND FKAVRTIAVL IGSFTLSWSP FLITSIVQVA CHKCCLYQVL EKYLWLLGVG NSLLNPLIYA YWQREVRQQL YHMALGVKKF FTSILLLLPA RNRGPRTRE SAYHIVTISH PELDG 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.
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	G Protein-Coupled Receptor 119 (GPR119)
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Alternative Name:	Gpr119 (GPR119 Products)
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Background:	Glucose-dependent insulinotropic receptor (G-protein coupled receptor 119),FUNCTION: Receptor for the endogenous fatty-acid ethanolamide oleoylethanolamide (OEA) and lysophosphatidylcholine (LPC). Functions as a glucose-dependent insulinotropic receptor. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Seems to act through a G(s) mediated pathway. {ECO:0000269 PubMed:17289847}.
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Molecular Weight:	37.0 kDa
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UniProt:	Q7TQP3
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Pathways:	Hormone Transport, Peptide Hormone Metabolism
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Application Details

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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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