

Datasheet for ABIN7548083

G Protein-Coupled Receptor 12 Protein (GPR12) (AA 1-334) (His tag)



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Overview

Quantity:	1 mg
Target:	G Protein-Coupled Receptor 12 (GPR12)
Protein Characteristics:	AA 1-334
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This G Protein-Coupled Receptor 12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GPR12 Protein expressed in mammalien cells.
Sequence:	MNEDLKVNLS GLPRDYLDAA AAENISA AVS SRVPAVEPEP ELVVNPWDIV LCTSGTLISC ENAIIVLIIF HNPSLRAPMF LLIGSLALAD LLAGIGLITN FVFAYLLQSE ATKLVTIGLI VASFSASVCS LLAITVDRYL SLYYALTYHS ERTVTFTYVM LVMLWGTSIC LGLLPVMGWN CLRDESTCSV VRPLTKNNA ILSVSFLFMF ALMLQLYIQI CKIVMRHAHQ IALQHFLAT SHYVTTRKGV STLAILGTF AACWMPFTLY SLIADYTYP IYTYATLLPA TYNSIINPVI YAFRNQEIQK ALCLICCGCI PSSLAQRARS PSDV 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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 12 (GPR12)
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Alternative Name:	GPR12 (GPR12 Products)
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Background:	G-protein coupled receptor 12,FUNCTION: Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity). Receptor with constitutive G(s) signaling activity that stimulates cyclic AMP production. {ECO:0000250}.
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Molecular Weight:	36.7 kDa
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UniProt:	P47775
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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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Restrictions:	For Research Use only
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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