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## Datasheet for ABIN7551055 **GPR65 Protein (AA 1-337) (His tag)**

### Overview

Quantity:	1 mg
Target:	GPR65
Protein Characteristics:	AA 1-337
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR65 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant GPR65 Protein expressed in mammalian cells.
Sequence:	MNSTCIEEQH DLDHYLFPV YIFVIIVSIP ANIGSLCVSF LQAKKESELG IYLFSLSLSD LLYALTPLPW IDYTWNKDNW TFSPALCKGS AFLMYMNFYS STAFLTCIAV DRYLAVVYPL KFFFLRTRRF ALMVSLSIWI LETIFNAVML WEDETVVEYC DAEKSNFTLC YDKYPLEKWQ INLNLFRCT GYAIPLVTIL ICNRKVYQAV RHNKATENKE KKRIIKLLVS ITVTFVLCFT PFHVMLLIRC ILEHAVNFED HSNSGKRTYT MYRITVALTS LNCVADPILY CFVTETGRYD MWNILKFCTG RCNTSQRQRK RILSVSTKDT MELEVL <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>
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)
Grade:	custom-made

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## Target Details

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Target:	GPR65
Alternative Name:	GPR65 ( <a href="#">GPR65 Products</a> )
Background:	Psychosine receptor (G-protein coupled receptor 65) (T-cell death-associated gene 8 protein),FUNCTION: Receptor for the glycosphingolipid psychosine (PSY) and several related glycosphingolipids (PubMed:11309421). Plays a role in immune response by maintaining lysosome function and supporting phagocytosis-mediated intracellular bacteria clearance (PubMed:27287411). May have a role in activation-induced cell death or differentiation of T-cells (By similarity). {ECO:0000250 UniProtKB:Q61038, ECO:0000269 PubMed:11309421, ECO:0000269 PubMed:27287411}.
Molecular Weight:	39.3 kDa
UniProt:	<a href="#">Q8IYL9</a>
Pathways:	<a href="#">cAMP Metabolic Process</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
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## Application Details

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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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