

Datasheet for ABIN7547951

GALR2 Protein (AA 1-387) (His tag)



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Overview

Quantity:	1 mg
Target:	GALR2
Protein Characteristics:	AA 1-387
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALR2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GALR2 Protein expressed in mammalian cells.
Sequence:	<p>MNVSGCPGAG NASQAGGGGG WHPEAVIVPL LFALIFLVGT VGNTLVLA VL LRGQAVSTT</p> <p>NLFILNLGVA DLCFILCCVP FQATIYTL DG WVF GSLLCKA VHFLIFLT MH ASSFTLA AVS</p> <p>LDRYLAIRYP LHSREL RTPR NALAAIGLIW GLSLLFSGPY LSYYRQSQLA NLTVCHPAWS</p> <p>APRRRAMDIC TFVFSYLLPV LVLGLTYART LRYLWRAVDP VAAGSGARRA KRKVTRMILI</p> <p>VAALFCLCWM PHHALILCVW FGQFPLTRAT YALRILSHLV SYANSCVNPI VYALVSKHFR</p> <p>KGFTICAGL LGRAPGRASG RVCAAARGTH SGSVLERESS DLLHMSEAAG ALRPCPGASQ</p> <p>PCILEPCPGP SWQGP KAGDS ILTV DVA 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 isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GALR2
Alternative Name:	GALR2 (GALR2 Products)
Background:	Galanin receptor type 2 (GAL2-R) (GALR-2),FUNCTION: Receptor for the hormone galanin and GALP. Receptor for the hormone spexin-1 (PubMed:24517231). The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)). {ECO:0000269 PubMed:24517231, ECO:0000269 PubMed:25691535, ECO:0000269 PubMed:9480833, ECO:0000269 PubMed:9685625, ECO:0000269 PubMed:9832121, ECO:0000269 PubMed:9880084}.
Molecular Weight:	41.7 kDa
UniProt:	O43603
Pathways:	cAMP Metabolic Process , Inositol Metabolic Process , Feeding Behaviour

Application Details

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

	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