

Datasheet for ABIN7550781

**Prokineticin Receptor 2 Protein (PROKR2) (AA 1-384) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Prokineticin Receptor 2 (PROKR2)
Protein Characteristics:	AA 1-384
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prokineticin Receptor 2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PROKR2 Protein expressed in mammalian cells.
Sequence:	MAAQNGNTSF TPNFNPPQDH ASSLSFNFSY GDYDLPMDDED EDMTKTRTFF AAKIVIGIAL AGIMLVCGIG N VFVIAALTR YKCLRNLTNL LIANLAISDF LVAIICPPFE MDYYVVRQLS WEHGHVLCAS VNYLRTVSLY VSTNALLAIA IDRYLAIVHP LKPRMNYQTA SFLIALVWMV SILIAIPSAY FATETVLFIV KSQEKIFCGQ IWPVDQQLYY KSYFLFIFGV EFGVPVTMT LCYARISREL WFKAVPGFQT EQIRKRLRCR RKTVLVLMCI LTAYVLCWAP FYGFTIVRDF FPTVFVKEKH YLTA FYVVEC IAMSNMINT VCFVTVKNNT MKYFKKMMMLL HWRPSQRGSK SSADLDLRTN GVPTTEEVD C IRLK <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:	Prokineticin Receptor 2 (PROKR2)
Alternative Name:	PROKR2 ( <a href="#">PROKR2 Products</a> )
Background:	Prokineticin receptor 2 (PK-R2) (G-protein coupled receptor 73-like 1) (G-protein coupled receptor I5E) (GPR73b) (GPRg2),FUNCTION: Receptor for prokineticin 2. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase.
Molecular Weight:	44.0 kDa
UniProt:	<a href="#">Q8NFJ6</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</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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