

Datasheet for ABIN7550826

## Prokineticin Receptor 1 Protein (PROKR1) (AA 1-393) (His tag)



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### Overview

Quantity:	1 mg
Target:	Prokineticin Receptor 1 (PROKR1)
Protein Characteristics:	AA 1-393
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prokineticin Receptor 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat PROKR1 Protein expressed in mammalian cells.
Sequence:	<p>METTMGMFDD NATNTSTSFL SVLNPHGAHA TSFPFNFSYS DYDMPLDEDE DVTNSRTFFA</p> <p>AKIVIGMALV GIMLVCGIGN FIFIAALVRY KKLRLNLTNLL IANLAISDFL VAIVCCPFEM</p> <p>DYYVVRQLSW EHGHVLCTSV NYLRTVSLYV STNALLAIAI DRYLAIVHPL RPRMKCQTAT</p> <p>GLIALVWTVS ILIAIPSAYF TTETVLVIVK SQEKIFCGQI WPVDQQLYYK SYFLFIFGIE FVGPPVMTML</p> <p>CYARISRELW FKAIVPGFQTE QIRKRLRCRR KTVLVLMCIL TAYVLCWAPF YGFTIVRDFF</p> <p>PTVVFKEKHY LTAFYIVECI AMSNSMINTL CFVTVKNDTV KYFKKIMLLH WKASYNGGKS</p> <p>SADLDLKTIG MPATEEVDCI RLK <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></p>
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

Grade: custom-made

## Target Details

Target: Prokineticin Receptor 1 (PROKR1)

Alternative Name: PROKR1 ([PROKR1 Products](#))

Background: Prokineticin receptor 1 (PK-R1) (G-protein coupled receptor 73) (G-protein coupled receptor ZAQ) (GPR73a),FUNCTION: Receptor for prokineticin 1. 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. May play a role during early pregnancy. {ECO:0000269|PubMed:18339712}.

Molecular Weight: 44.8 kDa

UniProt: [Q8TCW9](#)

Pathways: [Hedgehog Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for 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