

Datasheet for ABIN7553974
CCKBR Protein (AA 1-447) (His tag)



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Overview

Quantity:	1 mg
Target:	CCKBR
Protein Characteristics:	AA 1-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCKBR protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCKBR Protein expressed in mammalian cells.
Sequence:	<p>MELLKLNRSV QGTGPGPGAS LCRPGAPLLN SSSVGNLSCE PPRIRGAGTR ELELAIRITL YAVIFLMSVG GNMLIIVVLG LSRRRLRTVTN AFLLSLAVSD LLLAVACMPF TLLPNLMGTF IFGTVICKAV SYLMGVSVSV STLSLVAIAL ERYSAICRPL QARVWQTRSH AARVIVATWL LSGLLMVPYP VYTVVQPVGP RVLQCVHRWP SARVRQTWSV LLLLLLFFIP GVVMAYAYGL ISRELYLGLR FDGSDSDSDSQ SRVRNQGGLP GAVHQNGRCR PETGAVGEDS DGCYVQLPRS RPALELTALT APGPGSGSRP TQAKLLAKKR VVRMLLVIVV LFFLCWLPVY SANTWRAFDG PGAHRALSGA PISFIHLLSY ASACVNPLVY CFMHRRFRQA CLETARCCP RPPRARPRAL PDEDPTPSI ASLSRLSYTT ISTLGPG</p> <p>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.

Product Details

Characteristics:

Key Benefits:

- 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:

CCKBR

Alternative Name:

CCKBR ([CCKBR Products](#))

Background:

Gastrin/cholecystokinin type B receptor (CCK-B receptor) (CCK-BR) (Cholecystokinin-2 receptor) (CCK2-R),FUNCTION: Receptor for gastrin and cholecystokinin. The CCK-B receptors occur throughout the central nervous system where they modulate anxiety, analgesia, arousal, and neuroleptic activity. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system., FUNCTION: Isoform 2 is constitutively activated and may regulate cancer cell proliferation via a gastrin-independent mechanism.

Molecular Weight:

48.4 kDa

UniProt:

[P32239](#)

Pathways:

[Positive Regulation of Peptide Hormone Secretion, Feeding Behaviour](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. 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
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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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