

Datasheet for ABIN7553150  
**CCKAR Protein (AA 1-428) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCKAR
Protein Characteristics:	AA 1-428
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCKAR protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat CCKAR Protein expressed in mammalian cells.
Sequence:	<p>MDVVDSELLVN GSNITPPCEL GLENETLFLCL DQPRPSKEWQ PAVQILLYSL IFLLSVLGNT            LVITVLIRNK RMRTVTNIFL LSLAVSDLML CLFCMPFNLI PNLLKDFIFG SAVCKTTTYF            MGTSVSVSTF NLVAISLERY GAICKPLQSR VWQTKSHALK VIAATWCLSF TIMTPYPIYS            NLVPFTKNNN QTANMCRFL PNDVMQQSWH TFLLLILFLI PGIVMMVAYG LISLELYQGI            KFEASQKKA KERKPSTTSS GKYEDSDGCY LQKTRPPRKL ELRQLSTGSS SRANRIRSNS            SAANLMAKKR VIRMLIVIVV LFFLCWMPIF SANAWRAYDT ASAERRLSGT PISFILLLSY            TSSCVNPIY CFMNRFRFLG FMATFPCCPN PGPPGARGEV GEEEEGGTTG ASLSRFSYSH            MSASVPPQ <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: CCKAR

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

Background: Cholecystokinin receptor type A (CCK-A receptor) (CCK-AR) (Cholecystokinin-1 receptor) (CCK1-R), FUNCTION: Receptor for cholecystokinin. Mediates pancreatic growth and enzyme secretion, smooth muscle contraction of the gall bladder and stomach. Has a 1000-fold higher affinity for CCK rather than for gastrin. It modulates feeding and dopamine-induced behavior in the central and peripheral nervous system. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Molecular Weight: 47.8 kDa

UniProt: [P32238](#)

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

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	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