

Recombinant Full Length Human CCKBR Protein

Cat. No. CCKBR-589HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CCKBR was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	447 amino acids
Description	This gene encodes a G-protein coupled receptor for gastrin and cholecystokinin (CCK), regulatory peptides of the brain and gastrointestinal tract. This protein is a type B gastrin receptor, which has a high affinity for both sulfated and nonsulfated CCKanalogs and is found principally in the central nervous system and the gastrointestinal tract. A misspliced transcript variant including an intron has been observed in cells from colorectal and pancreatic tumors.
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	48.4 kDa
AA Sequence	MELLKLNRSV QGTGPGPGAS LCRPGAPLLN SSSVGNLSCE PPRIRGAGTR ELELAIRITL YAVIFLMSVG GNMLIIVVLG LSRRLRTVTN AFLLSLAVSD LLLAVACMPF TLLPNLMGTF IFGTVICKAV SYLMGVSVSV STLSLVAIAL ERYSAICRPL QARVWQTRSH AARVIVATWL LSGLLMVPYP VYTVVQPVGP RVLQCVHRWP SARVRQTWSV LLLLLLFFIP GVMMAVAYGL ISRELYLGLR FDGSDSDSDSQ SRVRNQGGPL GAVHQNGRCR PETGAVGEDS DGCYVQLPRS

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RPALELTALT APGPGSGSRP TQAKLLAKKR VVRMLLVIVV LFFLCWLPVY
 SANTWRAFDG PGAHRALSGA PISFIHLLSY ASACVNPLVY CFMHRRFRQA
 CLETCARCCP RPPRARPRAL PDEDPPTPSI ASLSRLSYTT ISTLGPG

Applications

Antibody Production; Functional Study: Recommended usage only, not validated yet. Compound Screening: Recommended usage only, not validated yet.

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

CCKBR cholecystokinin B receptor [Homo sapiens]

Official Symbol

CCKBR

Synonyms

CCKBR; cholecystokinin B receptor; gastrin/cholecystokinin type B receptor; CCK-BR; CCK2-R; CCK2 receptor; CCK-B receptor; gastrin receptor; cholecystokinin-2 receptor; GASR; CCK-B; CCK2R

Gene ID

887

mRNA Refseq

NM_176875

Protein Refseq

NP_795344

MIM

118445

UniProt ID

P32239

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