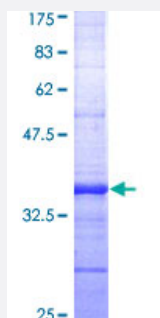


CCKBR (Human) Recombinant Protein (Q01)

Catalog # H00000887-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCKBR partial ORF (AAH00740, 215 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RQTWSVLLLLLLFFIPGVMAVAYGLISRELYLGLRFDGSDSDSQSRVRNQGGPLGAVHQNGRC RPETGAVGEDSDGCYVQLPRSRPALELTALTAPGPGSGSRPTQAKLLA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.06
Interspecies Antigen Sequence	Mouse (72)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCKBR

Entrez GeneID [887](#)

GeneBank Accession# [BC000740](#)

Protein Accession# [AAH00740](#)

Gene Name CCKBR

Gene Alias CCK-B, CCK2R, GASR

Gene Description cholecystokinin B receptor

Omim ID [118445](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 CCK analogs 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. [provided by RefSeq]

Other Designations CCK2 receptor|cholecystokinin-B receptor/gastrin receptor|gastrin receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcohol Withdrawal Delirium](#)
- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hallucinations](#)
- [Hypercholesterolemia](#)
- [Liver Diseases](#)
- [Mental Disorders](#)
- [Multiple Chemical Sensitivity](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)