

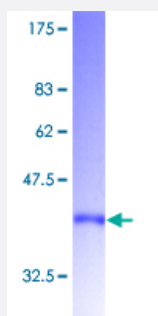
Full-Length

CART (Human) Recombinant Protein (P01)

Catalog # H00009607-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CART full-length ORF (AAH29882, 1 a.a. - 116 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MESSRVRLPLLGAALLMLPLLGTRAQEDAELQPRALDIYSAVDDASHEKELIEALQEVLKKLKS KRVPIYEKKYGQVPMCDAGEQCAVRKGARIGKLCDCPRGTSCNSFLLKCL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.5
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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 — CARTPT

Entrez GeneID	9607
GeneBank Accession#	BC029882
Protein Accession#	AAH29882
Gene Name	CARTPT
Gene Alias	CART
Gene Description	CART prepropeptide
Omim ID	601665 602606
Gene Ontology	Hyperlink
Gene Summary	CART appears to have roles in reward, feeding, and stress, and it has the functional properties of an endogenous psychostimulant (Kuhar et al., 2002 [PubMed 12147208]).[supplied by OMIM]
Other Designations	cocaine and amphetamine regulated transcript cocaine- and amphetamine-regulated transcript

Disease

- [Alcoholism](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Overweight](#)
- [Psychoses](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)