

Recombinant Human CARTPT

Cat. No. CARTPT-240H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human CARTPT (NP_004282.1) (Met1-Leu116) was expressed with five amino acids (DDDDK) at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Met1-Leu116
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human CARTPT consists of 95 amino acids and predicts a molecular mass of 10.6 KDa. It migrates as an approximately 11 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	CARTPT CART prepropeptide [Homo sapiens]
Official Symbol	CARTPT
Synonyms	CARTPT; CART prepropeptide; cocaine- and amphetamine-regulated transcript protein; CART; cocaine and amphetamine regulated transcript;
Gene ID	9607
mRNA Refseq	NM_004291
Protein Refseq	NP_004282
MIM	602606
UniProt ID	Q16568
Chromosome Location	5q13.2
Function	molecular_function; protein binding;

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