Recombinant Human CARTPT protein

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

SPECIFICATION

Product Overview	Recombinant Human CARTPT protein(NP_004282.1) (Met1-Leu116) was expressed in HEK293 with five amino acids (DDDDK) at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-116 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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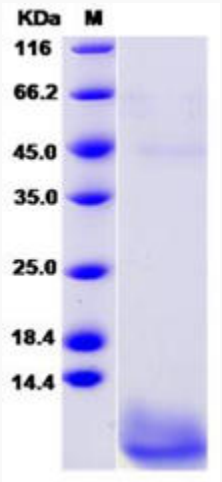
GENE INFORMATION

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
SDS-PAGE	

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