

Recombinant Human CARTPT protein, mFc-tagged

Cat. No. CARTPT-1980H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARTPT protein(NP_004282.1)(Met1-Leu116), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu116
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CARTPT/mFc comprises 323 amino acids and has a predicted molecular mass of 36.3 kDa. The apparent molecular mass of the monomer is approximately 37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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](#)

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