Recombinant Human CARTPT, Fc tagged

Cat. No. CARTPT-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARTPT (NP_004282.1) (Met1-Leu116), fused with the Fc region of mouse IgG1 at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-116 a.a.
Predicted N Terminal	Gln 28
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted 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. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CARTPT CART prepropeptide [Homo sapiens]
Official Symbol	CARTPT
Gene ID	9607
mRNA Refseq	NM_004291
Protein Refseq	NP_004282
MIM	602606
UniProt ID	Q16568
Chromosome Location	5q13.2

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