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Datasheet for ABIN7317277 CARTPT Protein (Fc Tag)

Overview

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| Quantity: | 100 µg |
| Target: | CARTPT |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CARTPT protein is labelled with Fc Tag. |

Product Details

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| Purpose: | Recombinant Human CART/CARTPT Protein (Fc Tag) |
| Sequence: | Met 1-Leu116 |
| Characteristics: | A DNA sequence encoding the human CARTPT (NP_004282.1) (Met1-Leu116) was expressed with the Fc region of mouse IgG1 at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg of the protein as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | CARTPT |
| Alternative Name: | CART/CARTPT (CARTPT Products) |
| Background: | Background: This gene encodes a preproprotein that is proteolytically processed to generate multiple biologically active peptides. These peptides play a role in appetite, energy balance, maintenance of body weight, reward and addiction, and the stress response. Expression of a |

Target Details

similar gene transcript in rodents is upregulated following administration of cocaine and amphetamine. Mutations in this gene are associated with susceptibility to obesity in humans.
Synonym: CART

Molecular Weight: 36.3 kDa

NCBI Accession: [NP_004282](#)

Pathways: [Hormone Transport](#), [Negative Regulation of Hormone Secretion](#), [Carbohydrate Homeostasis](#), [Feeding Behaviour](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.