



Recombinant Protein Technical Manual
Recombinant Human CART/CARTPT Protein (Fc Tag)
RPES4227

Product Data:

Product SKU: RPES4227

Size: 20µg

Species: Human

Expression host: HEK293 Cells

Uniprot: NP_004282.1

Protein Information:

Molecular Mass: 36.3 kDa

AP Molecular Mass: 37 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

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

Application:

Synonyms: CART

Immunogen Information:

Sequence: Met 1-Leu116

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 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.