Recombinant Human CART/CARTPT Protein (Fc Tag)

Catalog Number:PKSH030682

Note: Centrifuge before opening to ensure complete recovery of vial contents.
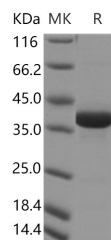
Description

Synonyms	CART
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Leu116
Accession	NP_004282.1
Calculated Molecular Weight	36.3 kDa
Observed molecular weight	37 kDa
Tag	C-mFc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data

> 95 % as determined by reducing SDS-PAGE.

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.?

For Research Use Only

A Reliable Research Partner in Life Science and Medicine