

Product datasheet for **TP306552M**

CART (CARTPT) (NM_004291) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CART prepropeptide (CARTPT), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206552 protein sequence Red =Cloning site Green =Tags(s)
	MESSRVLLPLLGAALLLMLPLLGTRAQEDAELQPRALDIYSAVDDASHEKELIEALQEVLLKLLKSKRVP IYEKKYGQVPMCDAGEQCAVRKGGARIGKLCDCPRGTSCNSFLLKCL
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004282
Locus ID:	9607
UniProt ID:	Q16568
RefSeq Size:	933
Cytogenetics:	5q13.2



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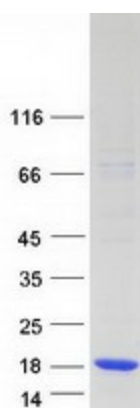
RefSeq ORF: 348

Synonyms: CART

Summary: 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. [provided by RefSeq, Feb 2016]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified CARTPT protein (Cat# [TP306552]). The protein was produced from HEK293T cells transfected with CARTPT cDNA clone (Cat# [RC206552]) using MegaTran 2.0 (Cat# [TT210002]).