

Product datasheet for TP506658

Cpa1 (NM_025350) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carboxypeptidase A1, pancreatic (Cpa1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206658 representing NM_025350 Red=Cloning site Green=Tags(s)

MKRLLVLSVLLAAVFGNENFVGHQVLRISATDEAQVQKVRELEEHKLDLDFWRDPARAGLPIDVRVFPF
TIQSVKAFLEYHDISYEIMIEDVQSLLEEKQQMSAFQARALSTDAFNATYHTLDEIYEFMDLLVTEHP
QLVSKIQIGSTFEGRPINVLKFSTGGTNRPAIWIDTGIHSREWWTQASGVWFVAKKITKDYGQEPTLTAIL
DNMDIFLEIVTNPDPGFVYTHKTNRMWRKTRSHTEGSLCVGVDPNRNWDAAFGMPGASSNPCSETYRGKFP
NSEVEVKSIVDFVTSHGNIAFISHSYSQLLLYPYGYTSEPAPDKEELDQLAKSAVTALTSLHGTFKFKY
GSIIDTIYQASGSTIDWTYSQGIKYSFTFELRDTGLRGFLLPASQIIPTAEETWLALLTIMDHTVKHPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	47.8 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
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 after receiving vials.
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_079626
Locus ID:	109697
UniProt ID:	Q7TPZ8



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RefSeq Size: 1578

Cytogenetics: 6 12.52 cM

RefSeq ORF: 1257

Synonyms: 0910001L12Rik; Cpa

Summary: This gene encodes carboxypeptidase A, a zinc-dependent metalloprotease that cleaves peptide bonds at the C-terminus of protein substrates. The encoded preproprotein undergoes proteolytic activation to generate a mature, functional enzyme. This gene is expressed in pancreas, the encoded protein is a major component of digestive enzymes secreted by pancreas and plays an important role in the process of digestion. This gene is located in a cluster of related carboxypeptidase genes on chromosome 6. [provided by RefSeq, Jan 2016]