

Product Data Sheet

Recombinant Human PPT1 Protein

Catalog #	Source	Reactivity	Applications
CRP2145	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human PPT1 Protein is produced by mammalian expression system and the target gene encoding Asp28-Gly306 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.		
Gene Symbol	PPT1		
Alternative Names	PPT; Palmitoyl-protein thioesterase 1; PPT-1; Palmitoyl-protein hydrolase 1		
Entrez Gene	5538 (Human)		
SwissProt	P50897 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	DPPAPLPLVI WHGMGDSCCN PLSMGAIKKM VEKKIPGIYV LSLEIGKTLM EDVENSFFLN VNSQVTTVCQ ALAKDPKLQQ GYNAMGFSQG GQFLRAVAQR CPSPPMINLI SVGGQHQQGVF GLPRCPGESS HICDFIRKTL NAGAYSKVVQ ERLVQAEYWH DPIKEDVYRN HSIFLADINQ ERGINESYKK NLMALKKFVM VKFLNDSIVD PVDSEWFGFY RSGQAKETIP LQETSLYTQD RLGLKEMDNA GQLVFLATEG DHLQLSEEWf YAHIIIPFLGV DHHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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