

Recombinant Human PPT1 Protein

Catalog #	Source	Reactivity	Applications
CRP2145	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human PPT1 Protein is produced by our 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 WHGMDSCCN PLSMGAIKKM VEKKIPGIYV LSLEIGKTLM EDVENSFFLN VNSQVTTVCQ ALAKDPKLQQ GYNAMGFSQG GQFLRAVAQR CPSPPMINLI SVGGQHGVF GLPRCPGESS HICDFIRKTL NAGAYSKVVQ ERLVQAEYWH DPIKEDVYRN HSIFLADINQ ERGINESYKK NLMALKKFVM VKFLNDSIVD PVDSEWFGFY RSGQAKETIP LQETSLYTQD RLGLKEMDNA GQLVFLATEG DHLQLSEEFW YAHIIIFLGV DHHHHHH		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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