

## Recombinant Mouse Dermatopontin Protein

Catalog #	Source	Reactivity	Applications
CRP2954	Human cells	Mouse	E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse Dermatopontin Protein is produced by mammalian expression system and the target gene encoding Gln19-Val201 is expressed with a Fc tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** DPT

**Alternative Names** Dermatopontin; Tyrosine-rich acidic matrix protein; TRAMP

**Entrez Gene** 56429 (Mouse)

**SwissProt** Q9QZZ6 (Mouse)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** QYGGYGYPYQ QYQDYGDDGW VNLNRQGFYSY QCPHGQVVVA VRSIFSKEG  
SDRQWNYACM PTPQSLGEPT ECWWEINRA GMEWYQCSN NGLVAGFQSR  
YFESVLDREW QFYCCRYSKR CPYSCWMTTE YPSHYGEDMD MISYDYDFYM RGATTTFAV  
ERDRQWKFIM CRMTDYDCEF ENVVDDIEGR MDEPKSCDKT HTCPCPAPE LLGGPSVFLF  
PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV  
SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV  
SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNVF  
SCSVMHEALH NHYTQKLSLSL SPGK

**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. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize

**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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## Product Data Sheet

freeze-thaw cycles.

### Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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