

Recombinant Human DPT Protein

Catalog #	Source	Reactivity	Applications
CRP1451	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human DPT Protein is produced by our mammalian expression system and the target gene encoding Gln19-Val201 is expressed with a Fc, 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of PBS, pH 7.4.

Gene Symbol DPT

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

Entrez Gene 1805 (Human)

SwissProt Q07507 (Human)

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

Chemical Structure QYGDYGYPIYQ QYHDYSDDGW VNLNRQGFYSY QCPQGQVIVA VRSIFSKKEG
SDRQWNYACM PTPQSLGEPT ECWWEINRA GMEWYQTCSN NGLVAGFQSR
YFESVLDREW QFYCCRYSKR CPYSCWLTIE YPGHYGEEMD MISYNYDYI RGATTTFSAV
ERDRQWKFIM CRMTEYDCEF ANVVDDIEGR MDEPKSCDKT HTCPCPAPE LLGGPSVFLF
PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRNV
SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV
SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNVF
SCSVMHEALH NHYTQKSLSL SPGKHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) 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 μ g/ml. Dissolve the lyophilized protein in 1X PBS. 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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