

## Active Recombinant Human DPT, His-tagged

Cat. No. DPT-322H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DPT (Accession # AAH33736) Gln19-Val201, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	19-201 a.a.
<b>Predicted N Terminal</b>	No results obtained: Gln19 predicted
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to modulate collagen fibrillogenesis. 20 µg/mL of rhDermatopontin can significantly enhance the rate collagen fibrillogenesis.
<b>Molecular Mass</b>	Recombinant Human DPT, His-tagged has a calculated MW of 22.8 kDa. In SDS-PAGE migrates as 23 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	DPT dermatopontin [ Homo sapiens ]
<b>Official Symbol</b>	DPT
<b>Synonyms</b>	DPT; dermatopontin; tyrosine-rich acidic matrix protein; TRAMP;
<b>Gene ID</b>	1805
<b>mRNA Refseq</b>	NM_001937
<b>Protein Refseq</b>	NP_001928
<b>MIM</b>	125597
<b>UniProt ID</b>	Q07507
<b>Chromosome Location</b>	1q12-q23

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