

Active Recombinant Human DPT, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DPT (Accession # AAH33736) Gln19-Val201, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	19-201 a.a.
Predicted N Terminal	No results obtained: Gln19 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to modulate collagen fibrillogenesis. 20 µg/mL of rhDermatopontin can significantly enhance the rate collagen fibrillogenesis.
Molecular Mass	Recombinant Human DPT, His-tagged has a calculated MW of 22.8 kDa. In SDS-PAGE migrates as 23 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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

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