

## Recombinant Human DPT protein, T7/His-tagged

Cat. No. DPT-66H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Dermatopontin (DPT) gene cDNA (19 - 201aa, derived from BC033736) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-201 a.a.
<b>Form</b>	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGRHHHHHGNLYFQGGFEGQYGDYGYQYQYHDYSDDGWVN LNRQGFSYQCPQQVIVAVRSIF SKKEGSDRQWNYACMPTPQSLGEPTECWWEI NRAGMEWYQTCSNGLVAGFQSRFESVLDREWQFYCCRYSKR CPYSCWLTTE YPGHYGEEMDMISYNDYYIRGATTTFSVERDRQWKFMCRMTEYDCEFANV
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in vitro DPT mediated TGFb activity for various cell differentiation regulation study with this protein as either coating matrix protein or as soluble factor.2. May be used for DPT protein – protein interaction assay.3. May be used as enzymatic substrate for various proteases.4. Potential biomarker protein for cancer diagnosis, such as for human oral cancer.5. May be used for specific antibody

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production.

**Storage**

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

## 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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