

Recombinant Human DPT protein, T7/His-tagged

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

SPECIFICATION

Product Overview	Recombinant human Dermato pontin (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.
Species	Human
Source	E.coli
ProteinLength	19-201 a.a.
Form	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.
AA Sequence	MASMTGGGQQMGRGHHHHHHGNLYFQGGEFGQYGDYGYPYQQYHDYSDDGWVN LNRQGFSYQCPQGQVIVAVRSIF SKKEGSDRQWNYACMPTPQSLGEPTECWWEEL NRAGMEWYQTCSNNGLVAGFQSRVFESVLDREWQFYCCRYSKR CPYSCWLTTE YPGHYGEEMDMISYNYDYYIRGATTTFAVERDRQWKFMCRMTEYDCEFANV
Purity	>90% by SDS-PAGE
Applications	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

production.

Storage

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

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA