

Recombinant Mouse Dpt Protein, Myc/DDK-tagged

Cat. No. Dpt-2647M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dermatopontin (Dpt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Seems to mediate adhesion by cell surface integrin binding. May serve as a communication link between the dermal fibroblast cell surface and its extracellular matrix environment. Enhances TGFB1 activity. Inhibits cell proliferation. Accelerates collagen fibril formation, and stabilizes collagen fibrils against low-temperature dissociation.
Molecular Mass	24.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Dpt dermatopontin [Mus musculus (house mouse)]
Official Symbol	Dpt
Synonyms	DPT; dermatopontin; TRAMP; early quiescence protein 1; early quiescence protein-1; tyrosine-rich acidic matrix protein; Eq1; EQ-1; 1810032B19Rik; 5033416F05Rik
Gene ID	56429
mRNA Refseq	NM_019759
Protein Refseq	NP_062733
UniProt ID	Q9QZZ6

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