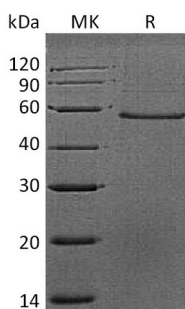


概述 (Summary)

英文全称	Dermatopontin/DPT
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Dermatopontin is produced by our Mammalian expression system and the target gene encoding Gln19-Val201 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q9QZZ6
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	49.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse DPT (C-Fc)
Catalog #: PHM0530



背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

Early quiescence protein 1; EQ-1; Tyrosine-rich acidic matrix protein; TRAMP
Dermatopontin is a widely expressed noncollagenous protein component of the extracellular matrix. It is a 22 kDa molecule that is tyrosine sulfated but not glycosylated. Dermatopontin is down regulated in fibrotic growths such as leiomyoma and scar tissue, inhibits cell proliferation, accelerates collagen fibril formation, and stabilizes collagen fibrils against low-temperature dissociation. Dermatopontin deficient mice exhibit altered collagen matrix deposition and organization. Dermatopontin 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, and enhances TGF β 1 activity (By similarity). Dermatopontin promotes bone mineralization under the control of the vitamin D receptor and inhibits BMP-2 effects on osteoblast precursors.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.