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Datasheet for ABIN2115437

**Dermatopontin Protein (DPT) (AA 19-201) (Fc Tag,His tag)**

## Overview

Quantity:	50 µg
Target:	Dermatopontin (DPT)
Protein Characteristics:	AA 19-201
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Dermatopontin protein is labelled with Fc Tag,His tag.

## Product Details

Purpose:	Recombinant Human Dermatopontin/DPT/TRAMP (C-Fc-6His)
Sequence:	QYGDYGYPIYQ QYHDYSDDGW VNLNRQGFSY QCPQGQVIVA VRSIFSKEEG SDRQWNYACM PTPQSLGEPT ECWWEINRA GMEWYQTCSN NGLVAGFQSR YFESVLDREW QFYCCRYSKR CPYSCWLTIE YPGHYGEEMD MISYNYDYI RGATTTFSAV ERDRQWKFM CRMTEYDCEF ANVVDDIEGR MDEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH
Characteristics:	Recombinant Human Dermatopontin/DPT is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln19-Val201) of Human Dermatopontin fused with a FC-6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	Dermatopontin (DPT)
Alternative Name:	Dermatopontin ( <a href="#">DPT Products</a> )
Background:	<p>Dermatopontin, also known as Tyrosine-rich acidic matrix protein, TRAMP and DPT, is a secreted protein which belongs to the dermatopontin family. DPT is expressed in various tissues, such as fibroblasts, heart, skeletal muscle, brain and pancreas. It seems to mediate adhesion by cell surface integrin binding. DPT may serve as a communication link between the dermal fibroblast cell surface and its extracellular matrix environment. DPT can enhance TGFB1 activity through interaction with decorin. In addition, DPT accelerates collagen fibril formation, stabilizes collagen fibrils against low-temperature dissociation and inhibits cell proliferation.</p> <p>Synonyms: Dermatopontin, also known as Tyrosine-rich acidic matrix protein, TRAMP and DPT,</p>
Molecular Weight:	49.9 kDa
UniProt:	<a href="#">Q07507</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>