

Datasheet for ABIN7318401

Dermatopontin Protein (DPT) (His tag,Fc Tag)[Go to Product page](#)

Overview

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

Product Details

Purpose:	Recombinant Human Dermatopontin/DPT Protein (Fc & His Tag)
Sequence:	Gln19-Val201
Characteristics:	Recombinant Human Dermatopontin is produced by our Mammalian expression system and the target gene encoding Gln19-Val201 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Dermatopontin (DPT)
Alternative Name:	Dermatopontin/DPT (DPT Products)
Background:	Background: 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

Target Details

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.

Synonym: Dermatotontin, Tyrosine-rich acidic matrix protein, TRAMP and DPT,

Molecular Weight: 49.9 kDa

UniProt: [Q07507](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.