

Recombinant Human DPT/TRAMP protein ab182823

製品の詳細

製品名	Recombinant Human DPT/TRAMP protein
精製度	> 90 % SDS-PAGE. Expressed in E.coli as inclusion bodies. Final product was refolded using a unique “temperature shift inclusion body refolding” technology and chromatographically purified.
発現系	Escherichia coli
アクセッション番号	<u>Q07507</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MASMTGGQQMGRGHHHHHGNLYFQGGEFGQYGDYGYPPYQQY HDYSDDGW VNLNRQGFYSYQCPQQQVIVAVRSIFSKEGSDRQWNYACMPT PQSLGEPT ECWEEINRAGMEWYQTCSNNGLVAGFQSRYSFESVLDREWQF YCCRYSKR CPYSCWLTTEYPGHYGEEMDISYNYDYYIRGATTTTFAVER DRQWKFIM CRMTEYDCEFANV
予測される分子量	24 kDa including tags
領域	19 to 201
タグ	His tag N-Terminus , T7 tag N-Terminus
配列の追加情報	Mature form. Constructed with codon optimization and expressed with a small T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal.

特性

Our **Abpromise guarantee** covers the use of **ab182823** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Functional Studies SDS-PAGE
製品の状態	Liquid
備考	This product was previously labelled as Dermatopontin

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 0.32% Tris HCl

Contains NaCl, EDTA, KCl, Arginine, DTT and Glycerol.

関連情報

機能

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.

組織特異性

Expressed in fibroblasts, heart, skeletal muscle, brain and pancreas. Expressed at an intermediate level in lung and kidney, and at a low level in liver and placenta. Expressed at a lower level in fibroblasts from hypertrophic scar lesional skin and in fibroblasts from patients with systemic sclerosis than in normal skin fibroblasts.

配列類似性

Belongs to the dermatopontin family.

翻訳後修飾

Sulfated on tyrosine residue(s).

細胞内局在

Secreted > extracellular space > extracellular matrix.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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