

Product datasheet for PH307588

Dermatopontin (DPT) (NM_001937) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPT MS Standard C13 and N15-labeled recombinant protein (NP_001928)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207588
Predicted MW:	24 kDa
Protein Sequence:	>RC207588 protein sequence Red=Cloning site Green=Tags(s) MDLSLLWVLLPLVTMAWGQYGDYGYQYQYHDYSDDGWVNLNRQGF SYQCPQGQVIVAVRSIFSKKEGSD RQWNYACMPTPQSLGEPTECWEEINRAGMEWYQTCSNNGLVAGFQSR YFESVLDREWQFYCCRYSKRCP YSCWLTIEYPGHYGEEMDMISYNYDYYIRGATTTFS AVERDRQWKFIMCRMTEYDCEFANV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001928
RefSeq Size:	1749
RefSeq ORF:	603
Synonyms:	TRAMP
Locus ID:	1805
UniProt ID:	Q07507



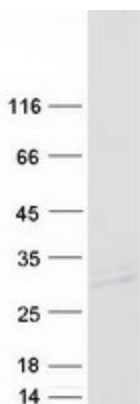
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Cytogenetics: 1q24.2

Summary: Dermatopontin is an extracellular matrix protein with possible functions in cell-matrix interactions and matrix assembly. The protein is found in various tissues and many of its tyrosine residues are sulphated. Dermatopontin is postulated to modify the behavior of TGF-beta through interaction with decorin. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DPT protein (Cat# [TP307588]). The protein was produced from HEK293T cells transfected with DPT cDNA clone (Cat# [RC207588]) using MegaTran 2.0 (Cat# [TT210002]).