

Product datasheet for PH301937

DCTN6 (NM_006571) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DCTN6 MS Standard C13 and N15-labeled recombinant protein (NP_006562)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201937
Predicted MW:	20.7 kDa
Protein Sequence:	>RC201937 protein sequence Red=Cloning site Green=Tags(s) MAEKTQKSVKIAPGAVVCVESEIRGDVTIGPRTVIHPKARIIEAGPIVIGEGNLEEQALIINAYPDNI TPDTEDEPKPMIIGTNNVFEVGCYSQAMKMGDNNVIESKAYVGRNVILTSGCIIGACCNLNTFEVIPEN TVIYGADCLRRVQTERPQPQTLQLDFLMKILPNYHHLKKTMKGSSTPVKN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_006562
RefSeq Size:	1126
RefSeq ORF:	570
Synonyms:	p27; WS-3; WS3
Locus ID:	10671
UniProt ID:	O00399

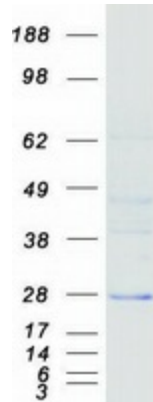


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Cytogenetics: 8p12

Summary: The protein encoded by this gene contains an RGD (Arg-Gly-Asp) motif in the N-terminal region, which confers adhesive properties to macromolecular proteins like fibronectin. It shares a high degree of sequence similarity with the mouse homolog, which has been suggested to play a role in mitochondrial biogenesis. The exact biological function of this gene is not known. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DCTN6 protein (Cat# [TP301937]). The protein was produced from HEK293T cells transfected with DCTN6 cDNA clone (Cat# [RC201937]) using MegaTran 2.0 (Cat# [TT210002]).