

Product datasheet for PH300488

Acidic Calponin (CNN3) (NM_001839) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNN3 MS Standard C13 and N15-labeled recombinant protein (NP_001830)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200488
Predicted MW:	36.4 kDa
Protein Sequence:	>RC200488 protein sequence Red=Cloning site Green=Tags(s)

MTHFNKGPSYGLSAEVKNKIASKYDHQAEEDLRNWIEEVTGMSIGPNFQLGLKDGIIICELINKLQPGSV
KKVNESSLNWPQLENIGNFIKAIQAYGMKPHDIFEANDLFENGMQVQTTLVALAGLAKTKGFHTTIDI
GVKYAEKQTRRFDEGKLGKAGQSVIGLQMGTKNCASQAGMTAYGTRRHL YDPKMQTDKPFDDTTISLQMG
NKGASQAGMLAPGTRRDIYDQKLTLQPVNDSTISLQMGTKNVASQKGMVYGLGRQVYDPKYCAAPTEPV
IHNGSQGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRDYQYSDQGIDY

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- 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_001830
RefSeq Size:	2112
RefSeq ORF:	987
Locus ID:	1266
UniProt ID:	Q15417

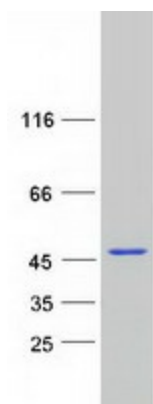


[View online »](#)

Cytogenetics: 1p21.3

Summary: This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CNN3 protein (Cat# [TP300488]). The protein was produced from HEK293T cells transfected with CNN3 cDNA clone (Cat# [RC200488]) using MegaTran 2.0 (Cat# [TT210002]).