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Product datasheet for PH325844

CARD9 (NM_052814) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CARD9 MS Standard C13 and N15-labeled recombinant protein (NP_434701)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225844
Predicted MW:	56.5 kDa
Protein Sequence:	>RC225844 representing NM_052814 Red=Cloning site Green=Tags(s) MSDYENDDECWSVLEGFRVTLTSVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIRKRKVGVLLDILQR TGHKGYVAFLESLELYYPQLYKKVTGKEPARVFSMIIDASGESGLTQLLMTEVMKLQKKVQDLTALLSSK DDFIKELRVKDSLLRKHQERVQRLKEECEAGSRELKRCKEENYDLAMRLAHQSEEKGAALMRNRDLQLEI DQLKHSLMKAEDDCKVERKHTLKLRHAMEQRPSQELLWELQQEKALLQARVQELEASVQEGKLDRSSPYI QVLEEDWRQALRDHQEQANTIFSLRKDLRQGEARRLRCMEEKEMFELQCLALRKDSKMYKDRIEAILLQM EEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQLQVFQCEAQLLAVEGRLRRQQLET LVLSSDLEDGSPRRSQELSLPQDLEDTQLSDKGCLAGGGSPKQPFAALHQEQVLRNPHDAGPAGLPGIGA VC TRRLEQKLISEEDLAANDILDYKDDDDKV
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_434701
RefSeq ORF:	1476
Synonyms:	CANDF2; hCARD9

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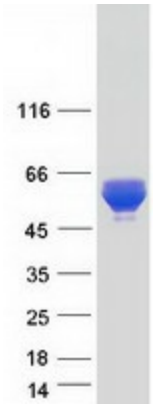
Locus ID:	64170
UniProt ID:	Q9H257
Cytogenetics:	9q34.3
Summary:	The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a postive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	NOD-like receptor signaling pathway

Product images:



Coomassie blue staining of purified CARD9 protein (Cat# [TP325844]). The protein was produced from HEK293T cells transfected with CARD9 cDNA clone (Cat# [RC225844]) using MegaTran 2.0 (Cat# [TT210002]).