

Product datasheet for PH311215

NLRP10 (NM_176821) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NLRP10 MS Standard C13 and N15-labeled recombinant protein (NP_789791)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211215
Predicted MW:	75 kDa
Protein Sequence:	>RC211215 protein sequence Red=Cloning site Green=Tags(s)

MAMAKARKPREALLWALSLEENDFKKLFYLRDRTLSEGPPLARGELEGLIPVDLAELLISKYGEKEA
VKVVLKGLKVMNLELVDQLSHICLHDYREYVREHVRCLLEEWQEAGVNGRYNQVLLVAKPSSPESLAC
PFPEQELESVTVEALFDSGKPSLAPSLVVLQGSAGTGKTTLARKMVLWDWATGTLYPGRFDYVYVSCKE
VLLLESKLEQLLFWCCGDNQAPVTEILRQPERLLFILDGFDELQRPFEKLLKRGSLPKESLLHLLIRR
HTLPTCSLLITRPLALRNLEPLLKQARHVHILGFSEERARYFSSYFTDEKQADRAFDIVQKNDILYKA
CQVPGICWVCSWLQGMERGKVVLETPRNSTDIFMAYVSTFLPPDDGGCSEL SRHRVLRSLCSLAAEG
IQHQRF LFEEAELRKHNL DGPRLAAFLSSNDYQLGLAIKKFYSFRHISFQDFFHMSYL VKEDQSRLGKE
SRREVQRLLLEVKEQEGNDEM TLTMQFLLDISKKDSFSNLELKF CFRISPCLAQDLKHFKEQMESMKHNRT
WDLFSLYEAKIKNLVKGIQMNNV SFKIKHSNEKKSQSQNLFSVKSSLSHGPKKEEQKCP SVHGQKEGKDN
IAGTQKEASTGKGRGTEETPKNTYI

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_789791
RefSeq Size:	2020

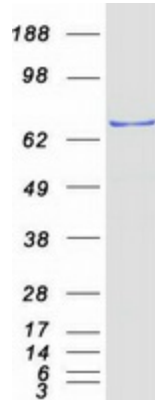


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RefSeq ORF:	1965
Synonyms:	CLR11.1; NALP10; NOD8; PAN5; PYNOD
Locus ID:	338322
UniProt ID:	Q86W26
Cytogenetics:	11p15.4

Summary: Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). The protein encoded by this gene belongs to the NALP protein family despite lacking the LRR region. This protein likely plays a regulatory role in the innate immune system. The protein belongs to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5. Other experiments indicate that this gene acts as a multifunctional negative regulator of inflammation and apoptosis. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified NLRP10 protein (Cat# [TP311215]). The protein was produced from HEK293T cells transfected with NLRP10 cDNA clone (Cat# [RC211215]) using MegaTran 2.0 (Cat# [TT210002]).