

Product datasheet for TP311215L

NLRP10 (NM_176821) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NLR family, pyrin domain containing 10 (NLRP10), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211215 protein sequence Red=Cloning site Green=Tags(s)

MAMAKARKPREALLWALSdleendfKkLkfyLRDMtlSEGQPPLARGELEGLIPVDLAELLISKYGEKEA
VKVVLKGLKVMNlLELVDQLSHICLHDYREVYREHVRCLEEWQEAGVNGRYNQVLLVAKPSSPESLAC
PFPEQELESVTVEALFDSGKPSLAPSLVVLQGSAGTGKTTLARKMVLWDATGTLYPGRFDYVfyVSCKE
VLLLESKLEQLLFWCCGDNQAPVTEILRQPERLLFILDGFDELQRPFEELKkRGLSPKESLLHLLIRR
HTLPTCSLLITRPLALRNLEPLLKQARHVHILGFSEERARYFSSYFTDEKQADRAFDIVQKNDILYKA
CQVPGICWVCSWLQGMERKQVLETPrNSTDIFMAYVSTFLPPDDGGCSELSRHRVLRSLCSLAAEG
IQHQRFLEEAELRKHNLdGPRLAAFLSSNDYQLGLAIKkFYSFRHISFQDFHAMSylVKEDQSRlgKE
SRREVQRLLVKEQEGNDEMtlTMQFLLDISKKDSFSNLELkFCFRISPClaQDLKHfKEQMESMKHNRT
WDLEFSlyEAKIKNLVKGiQMNNVsfKIKHSNEKKSQSQNLFSVKSslSHGPKEEQKCPsvHGQKEGKDN
IAGTQKEASTGKGRGTEETPKNTYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

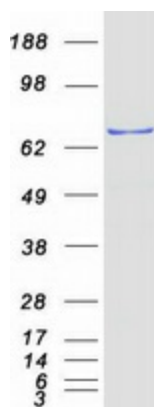
Tag:	C-Myc/DDK
Predicted MW:	74.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_789791
Locus ID:	338322
UniProt ID:	Q86W26
RefSeq Size:	2020
Cytogenetics:	11p15.4
RefSeq ORF:	1965
Synonyms:	CLR11.1; NALP10; NOD8; PAN5; PYNOD
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]).