

## Product datasheet for TP311215

### NLRP10 (NM\_176821) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NLR family, pyrin domain containing 10 (NLRP10), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211215 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAMAKARKPREALLWALSdleendfKkLkfyLRDMtlSEGQPPLARGELEGLIPVDLAELLISKYGEKEA  
VKVVLKGLKVMNlLELVDQLSHICLHDYREVYREHVRCLEEWQEAGVNGRYNQVLLVAKPSSPESLAC  
PFPEQELESVTVEALFDSGKPSLAPSLVVLQGSAGTGKTTLARKMVLWDATGTLYPGRFDYVfyVSCKE  
VLLLESKLEQLLFWCCGDNQAPVTEILRQPERLLFILDGFDELQRPFEELKkRGLSPKESLLHLLIRR  
HTLPTCSLLITRPLALRNLEPLLKQARHVHILGFSEERARYFSSYFTDEKQADRAFDIVQKNDILYKA  
CQVPGICWVCSWLQGMERGKVVLETPrNSTdIFMAYVSTFLPPDDGGCSELSRHRVLRSLCSLAAEG  
IQHQRFLEEAELRKHNLdGPRLAAFLSSNDYQLGLAIKkFYSFRHISFQDFHAMSylVKEDQSRLGKE  
SRREVQRLLLEVKEQEGNDEMtlTMQFLLDISKKDSFSNLELkFCFRISPCLAQDLKHfKEQMESMKHNRT  
WDLEFSlyEAKIKNLVKGIQMNNVsfKIKHSNEKKSQSQNLFSVKSslSHGPKKEEQKCPsvHGQKEGKDN  
IAGTQKEASTGKGRGTEETPKNTYI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

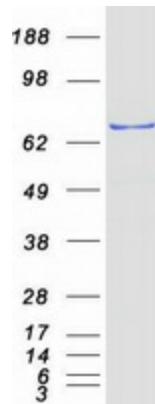
Tag:	C-Myc/DDK
Predicted MW:	74.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_789791</a>
<b>Locus ID:</b>	338322
<b>UniProt ID:</b>	<a href="#">Q86W26</a>
<b>RefSeq Size:</b>	2020
<b>Cytogenetics:</b>	11p15.4
<b>RefSeq ORF:</b>	1965
<b>Synonyms:</b>	CLR11.1; NALP10; NOD8; PAN5; PYNOD
<b>Summary:</b>	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]).