OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP762168

NALP4 (NLRP4) (NM_134444) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human NLR family, pyrin domain containing 4 (NLRP4),Met1-Tyr310, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Tyr310) of NLRP4
Tag:	N-His
Predicted MW:	36.6 kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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.
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_604393
Locus ID:	147945
UniProt ID:	Q96MN2, B2RCA1
RefSeq Size:	3339
Cytogenetics:	19q13.43
RefSeq ORF:	2982
Synonyms:	CLR19.5; CT58; NALP4; PAN2; PYPAF4; RNH2

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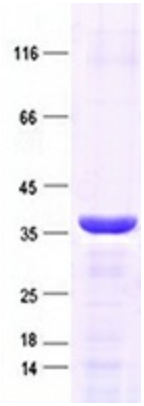
Summary: The protein encoded by this gene is a member of the nucleotide-binding and leucine-rich repeat receptor (NLR) family, and is predicted to contain an N-terminal pyrin effector domain (PYD), a centrally-located nucleotide-binding and oligomerization domain (NACHT) and C-terminal leucine-rich repeats (LRR). This gene product has a demonstrated role as a negative regulator of autophagy and type I interferon signaling pathways as a result of protein interactions with its NACHT domain. The PYD domain has also been shown to be important in the inhibition of NF-kB (nuclear factor kappa-light-chain-enhancer of activated B cells). [provided by RefSeq, Dec 2016]

Product images:



Purified recombinant protein NLRP4 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.