

Product datasheet for TP318775M

NLRP8 (NM_176811) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human NLR family, pyrin domain containing 8 (NLRP8), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC218775 representing NM_176811
Red=Cloning site Green=Tags(s)

MSDVNPPSDTPIPFSSSTHSSHIPPWTFSCYPGSPCENGVMLYMRNVSHEELQRFKQLLLTELSTGTMP
 ITWDQVETASWAEVHLLIERFPGRAWDVTSNIFAIMNCDKMCVVRREINAILPTLEPEDLNGETQV
 NLEEGESGKIRRYKSNVMEKFFPIWDITWPGNQRDFFYQGVHRHEEYLPCLLLPKRPQGRQPKTVAIQG
 APGIGKTLAKKVMFEWARNKFYAHKRWCFAFYHFCQEVNQTTDQSFSEIEQKWPGSQDLVSKIMSKPDQ
 LLLLLDGFEELTSTLIDRLEDLSEDRQKLPGSVLLSSLLSKTMLPEATLLIMIRFTSWQTCKPLLKCP
 LVTLPGFNTMEKIKYFQMYFGHTEEGDQVLSFAMENTILFSMCRVPVVCWMVCSGLKQQMERNLQSC
 PNATSVFVRYISSLPTRAENFSRKIHQAQLEGLCHLAADSMWHRKWWLGKEDLEEAKLDQTGVTAFGLM
 SILRRIAGEEDHYVFTLVTFQEFFAALFYVLCFPQRLKNFVLSHVNIQRLIASPRGSKSYLSHMGLFLF
 GFLNEACASAVEQSFQCKVSGFNKRKLLKVIPLLHKCDPPSPGSGVPQLFYCLHEIREEAFVSQALNDYH
 KVVLRIGNNKEVQVSAFCLKRCQYLHEVELTVTNFMNVWKLSSSSHPGSEAPESNGLHRWWQDLCVFA
 TNDKLEVLMTNSVLGPPFLKALAAALRHPQCKLQKLLLRVNSTMLNQDLIGVLTGNQHLYRLEIQHVE
 VESKAVKLLCRVLRSPRCRLQCLRLEDCLATPRIWTDLGNNLQGNHGLKTLILRKNLENCGAYYLSVAQ
 LERLSIENCNLTQLTCESLASCLRQSKMLTHLSLAENALKDEGAKHIWNALPHLRCPQLRVLVRKCDLTF
 NCCQDMISALCKNKTLSLDLSFNLSKDDGVILLCEALKNPDCTLQILELENCLFTSICCCQAMASMLRKN
 QHLRHLDLSKNAIGVYGILTLCFAFSSQKKREEVIFCIPAWTRITFSPTPHPPDFTGKSDCLSQINP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

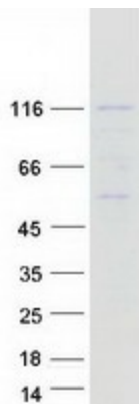
Tag: C-Myc/DDK
Predicted MW: 119.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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_789781
Locus ID:	126205
UniProt ID:	Q86W28
RefSeq Size:	3934
Cytogenetics:	19q13.43
RefSeq ORF:	3144
Synonyms:	CLR19.2; NALP8; NOD16; PAN4
Summary:	This gene encodes a member of the nucleotide-binding oligomerization domain/ leucine rich repeat/ pyrin domain containing (NLRP) subfamily, which belongs to the Nod-like receptor family of proteins. NLRP genes play roles in the mammalian innate immune system through inflammasome formation and activation of caspases. In addition, NLRP genes have been found to function during mammalian reproduction. Consistent with a function during human preimplantation development, this gene is expressed at high levels in oocytes with decreased levels in embryos. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]

Product images:



Coomassie blue staining of purified NLRP8 protein (Cat# [TP318775]). The protein was produced from HEK293T cells transfected with NLRP8 cDNA clone (Cat# [RC218775]) using MegaTran 2.0 (Cat# [TT210002]).