

## Product datasheet for TP318775

### NLRP8 (NM\_176811) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human NLR family, pyrin domain containing 8 (NLRP8), 20 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  
 APGIGKTLAKKVMFEWARNKFYAHKRWCIFYHFCQEVNQTTDQSFSEELIEQKWPGSQDLVSKIMSKPDQ  
 LLLLLDGFEELTSTLIDRLEDLSEDRQKLPGSVLLSSLLSKTMLPEATLLIMIRFTSWQTCKPLLKPCS  
 LVTLPGFNTMEKIKYFQMYFGHTEEGDQVLSFAMENTILFSMCRVPVVCWMVCSGLKQQMERNLQSC  
 PNATSVFVRYISSLPTRAENFSRKIHQAQLEGLCHLAADSMWHRKWWLGKEDLEEAKLDQGTGVTAFGLM  
 SILRRIAGEEDHYVFTLVTFQEFFAALFYVLCFPQRLKNFHVLSHVNIQRLIASPRGSKSYLSHMGLFLF  
 GFLNEACASAVEQSFQCKVSGFNKRKLLKVIPLLHKCDPPSPGSGVPQLFYCLHEIREEAFVSQALNDYH  
 KVVLRIGNNKEVQVSAFCLKRCQYLHEVELTVTNFMNVWKLSSSSHPGSEAPESNGLHRWWQDLCSVFA  
 TNDKLEVLMTNSVLGPPFLKALAAALRHPQCKLQKLLLRVNSTMLNQDLIGVLTGNQHLYRLEIQHVE  
 VESKAVKLLCRVLRSPRCRLQCLRLEDCLATPRIWTDLGNNLQGNHGLKTLILRKNLENCGAYYLSVAQ  
 LERLSIENCNLTQLTCESLASCLRQSKMLTHLSLAENALKDEGAKHIWNALPHLRCPQLRVLVRKCDLTF  
 NCCQDMISALCKNKTLSLDLSFNLSKDDGVILLCEALKNPDCTLQILELENCLFTSICCCQAMASMLRKN  
 QHLRHLDLSKNAIGVYGILTLCFAFSSQKKREEVIFCIPAWTRITFSPTPHPPDFTGKSDCLSQINP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

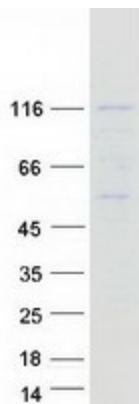
**Tag:** C-Myc/DDK  
**Predicted MW:** 119.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



[View online »](#)

<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>	<u>NP_789781</u>
<b>Locus ID:</b>	126205
<b>UniProt ID:</b>	<u>Q86W28</u>
<b>RefSeq Size:</b>	3934
<b>Cytogenetics:</b>	19q13.43
<b>RefSeq ORF:</b>	3144
<b>Synonyms:</b>	CLR19.2; NALP8; NOD16; PAN4
<b>Summary:</b>	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]).