

## Product datasheet for PH318775

### NLRP8 (NM\_176811) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NLRP8 MS Standard C13 and N15-labeled recombinant protein (NP_789781)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218775
Predicted MW:	119.2 kDa
Protein Sequence:	>RC218775 representing NM_176811 Red=Cloning site Green=Tags(s)

MSDVNPPSDTPIPFSSSTHSSHIPPWTFSCYPGSPCENGVMLYMRNVSHEELQRFKQLLTELSTGTMP  
ITWDQVETASWAEVVHLLIERFPGRRAWDVTSNIFAIMNCDKMCVVVREINAILPTLEPEDLNGETQV  
NLEEGESGKIRRYKSNVMEKFFPIWDITWPGNQDFDYQGVHRHEEYLPCLLLPKRPQGRQPKTVAIQG  
APGIGTKILAKKVMFEWARNKFYAHKRWCAFYFHCQEVNQTTDQSFSELIEQKWPGSQDLVSKIMSKPDQ  
LLLLLDGFEELSTLIDRLEDLSEDWRQKLPGSVLLSLLSKTMLPEATLLIMIRFTSWQTCKPLLKPCS  
LVTLPGFNTMEKIKYFQMYFGHTEEGDQVLSFAMENTILFSMCRVPVVCWVMVCSGLKQQMERNLQSC  
PNATSVFVRYISSLPTRAENFSRKIHQAQLEGLCHLAADSMWHRKWVLGKEDLEEAKLDQGTGVTAFGLM  
SILRRIAGEEDHYVFTLVTFQEFAALFYVLCFPQRLKNFHVLSHVNIQRLIASPRGSKSYLSHMGLFLF  
GFLNEACASAVEQSFQCKVSFGNKRKLLKVIPLLLHKCDPPSPGSGVPQLFYCLHEIREEAFVSQALNDYH  
KVVLIRIGNNKEVQSAFCLKRQCYLHEVELTVTLNFMNVWKLSSSSHPGSEAPESNGLHRWWQDLCVFA  
TNDKLEVLMTNSVLGPPFLKALAAALRHPQCKLQKLLRRVNSTMLNQDLIGVL TGNQHLRYLEIQHVE  
VESKAVKLLCRVLRSPRCRLQCLREDCLATPRIWTDLGNLQGNHGLKTLILRKNSLENCGAYYLSVAQ  
LERLSIENCNLQLTCESLASCLRQSKMLTHLSLAENALKDEGAKHIWNALPHLRCPQLRVLKCDLTF  
NCCQDMISALCKNKTLSLDL SFNSLKDDGVILLCEALKNPDCTLQILELENCLFTSICQAMASMLRKN  
QHLRHLDSLKNAIGVYGILTLCEAFSSQKKREEVIFCIPAWTRITSFSPTPHPPDFTGKSDCLSQINP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

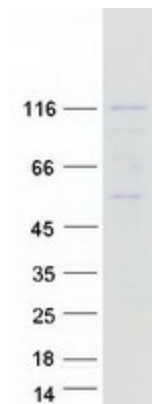
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_789781</a>
RefSeq Size:	3934
RefSeq ORF:	3144
Synonyms:	CLR19.2; NALP8; NOD16; PAN4
Locus ID:	126205
UniProt ID:	<a href="#">Q86W28</a>
Cytogenetics:	19q13.43
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]).