

Recombinant Human NLRP12 293 Cell Lysate

Cat. No. NLRP12-3801HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NLR family, pyrin domain containing 12 (NLRP12), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NLRP12 NLR family, pyrin domain containing 12 [Homo sapiens]

Official Symbol

NLRP12

Synonyms

NLRP12; NLR family, pyrin domain containing 12; NACHT, leucine rich repeat and PYD containing 12 , NALP12; NACHT, LRR and PYD domains-containing protein 12; CLR19.3; Monarch1; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 12; PAN6; PYPAF7; RNO2; monarch 1; monarch-1; regulated by nitric oxide; PYRIN-containing APAF1-like protein 7; NACHT, LRR and PYD containing protein 12; NACHT, leucine rich repeat and PYD containing 12; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 12; RNO; FCAS2; NALP12;

Gene ID

91662

mRNA Refseq

NM_033297

Protein Refseq

NP_150639

MIM

609648

UniProt ID

P59046

**Chromosome
Location**

19q13.42

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Function

ATP binding; cysteine-type endopeptidase activator activity involved in apoptotic process; nucleotide binding; protein binding;

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