

Recombinant Human NLRP4 293 Cell Lysate

Cat. No. NLRP4-3798HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for NLR family, pyrin domain containing 4 (NLRP4) 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

NLRP4 NLR family, pyrin domain containing 4 [Homo sapiens]

Official Symbol

NLRP4

Synonyms

NLRP4; NLR family, pyrin domain containing 4; NACHT, leucine rich repeat and PYD containing 4 , NALP4; NACHT, LRR and PYD domains-containing protein 4; cancer/testis antigen 58; CLR19.5; CT58; FLJ32126; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 4; PAN2; PYPAF4; RNH2; ribonuclease inhibitor 2; PAAD and NACHT-containing protein 2; PYRIN and NACHT-containing protein 2; PYRIN-containing APAF1-like protein 4; NACHT, LRR and PYD containing protein 4; NACHT, leucine rich repeat and PYD containing 4; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 4; NALP4;

Gene ID

147945

mRNA Refseq

NM_134444

Protein Refseq

NP_604393

MIM

609645

UniProt ID

Q96MN2

Chromosome

19q13.43

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Location	
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	ATP binding; nucleotide binding;

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