

Recombinant Human NLRP11 293 Cell Lysate

Cat. No. NLRP11-3802HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NLR family, pyrin domain containing 11 (NLRP11) 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

NLRP11 NLR family, pyrin domain containing 11 [Homo sapiens]

Official Symbol

NLRP11

Synonyms

NLRP11; NLR family, pyrin domain containing 11; NACHT, leucine rich repeat and PYD containing 11 , NALP11; NACHT, LRR and PYD domains-containing protein 11; CLR19.6; NOD17; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 11; PAN10; PYPAF6; PAAD- and NACHT-containing protein 10; PYRIN-containing APAF1-like protein 6; PAAD- and NACHT-containing protein 10B; NACHT, LRR and PYD containing protein 11; PAAD-and NACHT domain-containing protein 10; NACHT, leucine rich repeat and PYD containing 11; nucleotide-binding oligomerization domain protein 17; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 11; NALP11; PYPAF7; FLJ26273;

Gene ID

204801

mRNA Refseq

NM_145007

Protein Refseq

NP_659444

MIM

609664

UniProt ID

P59045

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Chromosome Location	19q13.43
Function	ATP binding; nucleotide binding; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, reduced ascorbate as one donor, and incorporation of one atom of oxygen;

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