

Recombinant Human NAL11 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50693

Size: 10ug, 100ug

Protein Name: NACHT, LRR and PYD domains-containing protein 11 (Nucleotide-binding oligomerization domain protein 17) (PAAD-and NACHT domain-containing protein 10) (PYRIN-containing APAF1-like protein 6)

Synonym: NLRP11, NALP11, NOD17, PAN10, PYPAF6

UniProt ID: P59045

UniProt Link: www.uniprot.org/uniprotkb/P59045/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 1033 AA

Molecular Weight: 118 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MAESDSTDFDLLWYLENLSDFQSFKKYLARKILDFKLPQFPLIQMTKEELANVLPISYEGQYIWNM
LFSIFSMRKE DLCRKIIIGRRNRNQEACKAVMRRKFMLQWESHTFGKFHYKFFRDVSSDVFYILQLA
YDSTSYSSANNLNVFLMGERASGKTIVINLAVLRWIKGEMWQNMISYVVHLTAHEINQMTNSSLAEI
AKDWPDGQAPIADILSDPKLLFILEDLNIRFELNVNESALCSNSTQKVPIPVLLVSLLKRKMAPGCW
FLISSRPTRGNNVKTFLKEVDCCTTLQLSNGKREIYFNSFFKDRQRASAALQLVHEDEILVGLCRVAIL
CWITCTVLKRQMDKGRDFQLCCQTPTDLHAHFLADALTSEAGLTANQYHLGLLKRLCLLAAGGLFLS
TLNFGEDLRCVGFTEADVSVLQAANILLPSNTHKDRYKFIHLNVQEFCTAIAFLMAVPNYLIPSGSRE
YKEKREQYSDFNQVFTFIFGLLNANRRKILETSFGYQLPMVDSFKWYSVGYMKHLDRDPEKLTHHM
PLFYCLYENREEEFVKTIVDALMEVTVYLQSDKDMMSLYCLDYCCHLRTLKLSVQRIFQNKEPLIRP
TASQMKSLVYWREICSLFYTMESLRELHIFDNDLNGISERILSKALEHSSCKLRTLKLSYVSTASGFED
LLKALARNRSLTYLSINCTSISLNMFSLLHDILHEPTCQISHLSLMKCDLRASECEEIASLLISGGSLRKL
TLSSNPLRSDGMNILCDALLHPNCTLISLVLFCCLTENCCSALGRVLLFSPTLRQLDLCVNRLKNYG
VLHVTFPLLFPTCQLEELHLSGCFSSDICQYIAIVATNEKLSLEIGSNKIEDAGMQLLCGGLRHPNC
MLVNIGLEECMLTSACCRSLASVLTNNKTLERLNLQNHLGNDGVAKLLESISPDCVLKVVGLPLTG
LNTQTQQLLMTVKERKPSLIFLSETWSLKEGREIGVTPASQPGSIIPNSNLDYMF FKFPRMSAAMRTS
NTASRQPL

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant NACHT, LRR and PYD domains-containing protein 11 (Nucleotide-binding oligomerization domain protein 17) (PAAD-and NACHT domain-containing protein 10) (PYRIN-containing APAF1-like protein 6) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Involved in inflammation.

Subcellular Localization: N/A

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.