



Recombinant Human NLRP6 Protein Product Manual

1. Product Basic Information

Product No.: REP07603

Protein Name: Angiotensin II/Vasopressin Receptor (NLRP6)

Aliases: AVR; NAVR; PAN3; NALP6; PYPAF5; CLR11.NAVR/AVR; angiotensin II/vasopressin receptor

UniProt ID: P59044

UniProt Link: <https://www.uniprot.org/uniprotkb/P59044/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Full Length (1-892aa)

Molecular Weight: 101.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-892aa)

MDQPEAPCSSTGPRLAVARELLLALEELSQEQLKRFRHKLRDVGPDGRSIPWGRL
ERADAVDLAEQLAQFYGPEPALEVARKTLKRADARDVAAQLQERRLQRLGLSGST
LLSVSEYKKKYREHVLQLHARVKERNARSVKITKRFTKLLIAPESAAPEEAMGPAEE
PEPGRARRSDTHTFNRLFRRDEEGRRPLTVVLQGPAGIGKTMAAKKILYDWAAGKL
YQGQVDFAFFMPCGELLERPGTRSLADLILDQCPDRGAPVPQMLAQPPRLLFILDG
ADELPALGGPEAAPCTDPFEAASGARVLGGLLSKALLPTALLLVTTTRAAAPGRLQG
RLCSPQCAEVRGFSDKDKKKYFYKYFRDERRAERAYRFVKENETLFALCFVPFVC
WIVCTVLRQQLELGRDLSRTSKTTTSVYLLFITSVLSSAPVADGPRLQGDLRNLCLRL
AREGVLGRRQAFAEKELEQLELRGSKVQTLFLSKKELPGVLETEVTYQFIDQSFQEF
LAALSYLLEDGGVPRTAAGGVGTLLRGDAQPHSHLVLTTRFLFGLLSAERMRIER
HFGCMVSERVKQEALRWVQGGQGGCPGVAPEVTEGAKGLEDTEEPPEEEEEEGEEP
NYPLELLYCLYETQEDAFVRQALCRFPELALQVRVFCRMDVAVLSYCVRCCPAGQ
ALRLISCRLVAAQEKKKKSLGKRLQASLGGGSSSQGTTKQLPASLLHPLFQAMTDP
LCHLSSLTSLSHCKLPDAVCRDLSEALRAAPALTELGLLHNRLSEAGLRMLSEGLAWP
QCRVQTVRVQLPDPQRGLQYLVGMLRQSPALTTLDLSGCQLPAPMVTYLCVAVLQH
QGCGLQTLASVELSEQSLQELQAVKRAKPDLVITHPALDGHPQPPKELISTF



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NLRP6 full length protein (1-892aa) expressed in Baculovirus. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NLRP6, also known as AVR or NAVR or PAN3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.