

Atrial natriuretic peptide receptor 3 (Npr3) Recombinant Protein | Npr3 recombinant protein

Recombinant Rat Atrial natriuretic peptide receptor 3 (Npr3), partial

CATALOG # AAA18452	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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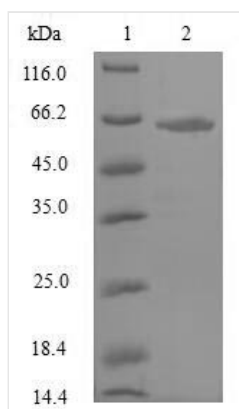
PRODUCT SYNONYMS

Atrial natriuretic peptide receptor 3 (Npr3); Recombinant Rat Atrial natriuretic peptide receptor 3 (Npr3); partial; Atrial natriuretic peptide clearance receptor; Atrial natriuretic peptide receptor type C; ANP-C; ANPR-C; NPR-C; Npr3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	41-477aa; Extracellular Domain
Sequence	EALAAQKIEV LVLLPRDDSY LFSLARVRPA IEYALRSVEG NGTGRKLLPP GTRFQVAYED SDCGNRALFS LVDRVAAAARG AKPDLILGPV CEYAAAPVAR LASHWDLPLM SAGALAAGFQ HKDTEYSHLT RVAPAYAKMG EMMLALFRHH HWSRAALLY DDKLERNCYF TLEGVHEVFQ EEGLHTSAYN FDETKDLDL DIVRYIQGSE RVVIMCASGD TIRRIMLAVH RHGMTSGDYA FFNIELFNSS SYGDGSKWKR DKHDFEAKQA YSSLQTVTLL RTAKPEFEKF SMEVKSSVEK QGLNEEDYVN MFVEGFHDAI LLYVLALHEV LRAGYSKKDG GKIIQQTWNR TFEGIAGQVS IDANGDRYGD FSVAMTDTE AGTQEVIGDY FGKEGRFKMR SNVKYPWGSL KLRIDETRIV EHTNSSPCKS CGLEESA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Npr3 recombinant protein	Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP. May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects. May regulate diuresis, blood pressure and skeletal development. Does not have guanylate cyclase activity.
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References	A single residue determines the distinct pharmacology of rat and human natriuretic peptide receptor-C.Engel A.M., Schoenfeld J.R., Lowe D.G.J. Biol. Chem. 269:17005-17008(1994) Gene expression of natriuretic peptide receptors in myocardial cells.Lin X., Hanze J., Heese F., Sodmann R., Lang R.E.Circ. Res. 77:750-758(1995)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981282
NCBI GeneID	25339
NCBI Accession #	NP_037000.1
NCBI GenBank Nucleotide #	NM_012868.1
UniProt Accession #	P41740; Q64156
Molecular Weight	64.9 kDa
NCBI Official Full Name	atrial natriuretic peptide receptor 3
NCBI Official Synonym Full Names	natriuretic peptide receptor 3
NCBI Official Symbol	Npr3
NCBI Official Synonym Symbols	NPRC; ANP-CR
NCBI Protein Information	atrial natriuretic peptide receptor 3
UniProt Protein Name	Atrial natriuretic peptide receptor 3
UniProt Gene Name	Npr3
UniProt Synonym Gene Names	Npr-c; ANP-C; ANPR-C; NPR-C
UniProt Entry Name	ANPRC_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/npr3-recombinant-protein-e-coli/18452>