

Nephronophthisis 2 Recombinant Protein | NPHP2 recombinant protein

Recombinant Nephronophthisis 2, Infantile (NPHP2)

CATALOG # AAA145462	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Nephronophthisis 2; Recombinant Nephronophthisis 2; Infantile (NPHP2); INVS; NPH2; INV; Inversin; Nephrocystin 2; Inversion of embryo turning homolog; NPHP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Supplied as lyophilized form in 100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. MNK SENLLFAGSS LASQVHAAAV NGDKGALQRL IVGNSALKDK EDQFGRTPLM YCVLADRLDC ADALLKAGAD VNKTDHSQRT ALHLAAQKGN YRFMKLLLTR RANWMQKDLE EMTPLHLTTR HRSPKCLALL LKFMAPGEVD TQDKNKQTAL HWSAYYNNPE HVKLLIKHDS NIGIPDVEGK IPLHWAANHK DPSAVHTVRC ILDAAPTESL LNWQDYEGRT PLHFAVADGN VTVV
Applicable Applications for NPHP2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted isoelectric point	8.3
Predicted Molecular Mass	30.0kDa
Usage	Reconstitute in sterile ddH ₂ O.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method)
Subcellular Location	Cell projection. Cilium, Cytoplasm. Cytoskeleton. Membrane. Microtubule, Nucleus.
Expression System	Prokaryotic expression
Fragment	Met1~Val237
Organism Species	Human
Tag	two N-terminal Tags, His-tag and T7-tag
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q9Y283
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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://stage.aaabiotech.com/nephronophthisis-2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/145462>