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Product Datasheet

Recombinant Human Nephrin Protein ABB-RP03532

Article Name	Recombinant Human Nephrin Protein
Biozol Catalog Number	ABB-RP03532
Supplier Catalog Number	RP03532
Alternative Catalog Number	ABB-RP03532-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Ser1055
Product Description	Seems to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation t...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	113.07 kDa
NCBI	4868
UniProt	O60500
Purity	90 % as determined by SDS-PAGE.

Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	MALGTTLRASLLLLGLLTEGLAQLAIPASVPRGFWALPENLTVVEGASVELRCG VSTPGSAVQWAKDGLLLGPDPRIPGFPRYRLEGDPARGEFLHIEACDLSDDA EYECQVGRSEMGPELVSPRVILSILVPPKLLLLTPEAGTMVTWVAGQEYVUNC VSGDAKPAPDITILLSGQTISDISANVNEGSQQKLFTVEATARVTPRSSDNRQL LVCEASSPALEAPIKASFTVNVLFPPGPPVIEWPGLDEGHV
Target	NPHS1, NPHN
Application Dilute	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles., Research Area: Other Recombinant Protein