

Nephrin recombinant protein

Nephrin Protein, Human, Recombinant (ECD, His Tag)

CATALOG #
AAA259199

HOST
HEK293 Cells

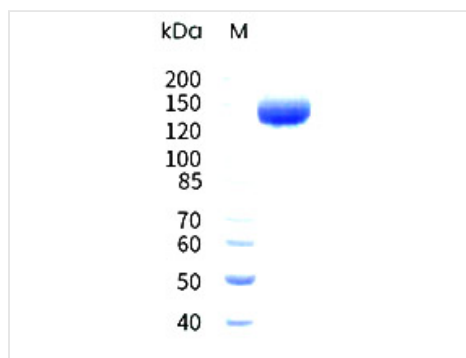
PRODUCT SYNONYMS

Nephrin; Nephrin Protein; Human; Recombinant (ECD; His Tag); nephrosis 1; congenital; Finnish type (nephrin); CNF Protein; nephrin Protein; NPHN Protein; Nephrin recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	≥ 90% as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Predicted N Terminal	Gln 23
Source	Human
Source Note	HEK293 Cells-derived Human Nephrin Protein (ECD, His Tag) Met1-Ser1055, Accession # O60500
Reconstitution	Reconstituted with sterile deionized water to 0.25 mg/mL.
Endotoxin	<1.0 EU per ug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the Human NPHS1 (O60500)(Met1-Ser1055) was expressed with a polyhistidine tag at the C-terminus.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping Note: In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	10441644
NCBI GeneID	4868
UniProt Accession #	O60500; A6NDH2; C3RX61
Molecular Weight	Predicted Molecular Mass: 113.07 kDa The recombinant Human NPHS1 consists of 1044 amino acids and predicts a molecular mass of 113.07 kDa. It migrates as an approximately 135.92 kDa band in SDS-PAGE under reducing conditions.
NCBI Official Full Name	nephrin
NCBI Official Synonym Full Names	nephrosis 1, congenital, Finnish type (nephrin)
NCBI Official Symbol	NPHS1
NCBI Official Synonym Symbols	CNF; NPHN; nephrin
NCBI Protein Information	nephrin; renal glomerulus-specific cell adhesion receptor
UniProt Protein Name	Nephrin
UniProt Gene Name	NPHS1
UniProt Synonym Gene Names	NPHN
UniProt Entry Name	NPHN_HUMAN

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/nphs1-recombinant-protein-hek293-cells/259199>