

Recombinant Human NPHS1 Protein (23-257 aa), His-tagged

Cat. No. NPHS1-689H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPHS1 Protein (23-257 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Adhesion. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	23-257 aa
Description	Ses 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 through regulation of myoblast fusion.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	29.1 kDa
AA Sequence	QLAIPASVPRGFWALPENLTVVEGASVELRCGVSTPGSAVQWAKDGLLLGPDPRIP GFPRYRLEGDPARGEFLHIEACDLSDDAEYECQVGRSEMGPVLSILVPP KLLLLTPEAGTMVTWVAGQEYVNCVSGDAKPAPDITILLSGQTISDISANVNEGSQQ KLFTVEATARVTPRSSDNRQLLVCEASSPALEAPIKASFTVNVLFPPGPPVIEWPGLD EGHVRA

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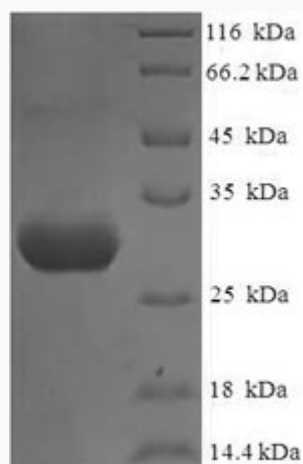
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	NPHS1 nephrosis 1, congenital, Finnish type (nephrin) [Homo sapiens]
Official Symbol	NPHS1
Synonyms	NPHS1; nephrin; CNF; NPHN;
Gene ID	4868
mRNA Refseq	NM_004646
Protein Refseq	NP_004637
MIM	602716
UniProt ID	O60500

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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