

Recombinant Human NPHS1 Protein, GST-tagged

Cat. No. NPHS1-6031H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPHS1 partial ORF (NP_004637.1, 33 a.a. - 122 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Nephrin is a kidney glomerular filtration barrier protein that is an essential component of the interpodocyte-spanning slit diaphragm. Mutations in the nephrin gene are associated with congenital nephrotic syndrome (NPHS1; MIM 256300).[supplied by OMIM
Molecular Mass	35.64 kDa
AA Sequence	GFWALPENLTVVEGASVELRCGVSTPGSAVQWAKDGLLLGPDPRIPGFPRYRLEGD PARGEFHLHIEACDLSDDAEYECQVGRSEMGPEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NPHS1 nephrosis 1, congenital, Finnish type (nephrin) [Homo sapiens]
Official Symbol	NPHS1
Synonyms	NPHS1; nephrosis 1, congenital, Finnish type (nephrin); nephrin; CNF; NPHN; renal glomerulus-specific cell adhesion receptor;
Gene ID	4868
mRNA Refseq	NM_004646
Protein Refseq	NP_004637
MIM	602716
UniProt ID	O60500

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