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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NPHP1 (Human) Recombinant Protein (P01)

Catalog Number: H00004867-P01

Regulation Status: For research use only (RUO)

Product Description: Human NPHP1 full-length ORF (NP_997064.1, 1 a.a. - 121 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLARRQRDPLQALRRRNQELKQQVDSLLSESQLKEAL
EPNKRQHIYQRCIQLKQAIDENKNALQKLSKADESAPV
ANYNQRKEEEHTLLDKLTQQLQGLAVTISRENITEYAS
FLPFFFLF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 40.7

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4867

Gene Symbol: NPHP1

Gene Alias: FLJ97602, JBTS4, NPH1, SLSN1

Gene Summary: This gene encodes a protein with src homology domain 3 (SH3) patterns. This protein interacts with Crk-associated substrate, and it appears to function in the control of cell division, as well as in

cell-cell and cell-matrix adhesion signaling, likely as part of a multifunctional complex localized in actin- and microtubule-based structures. Mutations in this gene cause familial juvenile nephronophthisis type 1, a kidney disorder involving both tubules and glomeruli. Defects in this gene are also associated with Senior-Loken syndrome type 1, also referred to as juvenile nephronophthisis with Leber amaurosis, which is characterized by kidney and eye disease, and with Joubert syndrome type 4, which is characterized by cerebellar ataxia, oculomotor apraxia, psychomotor delay and neonatal breathing abnormalities, sometimes including retinal dystrophy and renal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]