Recombinant Human NPHP3 protein, GST-tagged

Cat. No. NPHP3-1809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPHP3 protein(1-131 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-131 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MGTASSLVSPAGGEVIEDTYGAGGGEACEIPVEVKPKARLLRNSFRRGAGAAAGAG PGSLPRGVGAGGLLGASFKSTGSSVPELEYAAAEYERLRKEYEIFRVSKNQELLSM GRREAKLDTENKRLRAELQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage.

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

	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NPHP3 nephronophthisis 3 (adolescent) [Homo sapiens (human)]
Official Symbol	NPHP3
Synonyms	NPHP3; MKS7; NPH3; RHPD; RHPD1; nephronophthisis 3 (adolescent); nephrocystin-3; Meckel syndrome, type 7
Gene ID	27031
mRNA Refseq	NM_153240
Protein Refseq	NP_694972
MIM	608002
UniProt ID	Q7Z494

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