

## Recombinant Human RPGRIP1L protein, GST-tagged

Cat. No. RPGRIP1L-7434H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPGRIP1L protein(1-140 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-140 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MSGPTDETAGDLPVKDTGLNLFMGGGLQETSTTRTMKSRQAVSRVSREELEDRFL RLHDENILLKQHARKQEDKIKRMATKLIRLVNDKKRYERVGGGPKRLGRDVEMEEMI EQLQEKVHELEKQNETLKNRLISAKQQL
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200  $\mu$ l sterile water to achieve a working concentration of 0.25 g/ $\mu$ l. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION****Gene Name**

RPGRIP1L RPGRIP1-like [ Homo sapiens ]

**Official Symbol**

RPGRIP1L

**Synonyms**

RPGRIP1L; RPGRIP1-like; protein fantom; CORS3; fantom homolog; FTM; JBTS7; KIAA1005; Meckel syndrome; type 5; MKS5; NPHP8; nephrocystin 8; nephrocystin-8; RPGRIP1-like protein; RPGR-interacting protein 1-like protein; DKFZp686C0668;

**Gene ID**

23322

**mRNA Refseq**

NM\_001127897

**Protein Refseq**

NP\_001121369

**MIM**

610937

**UniProt ID**

Q68CZ1

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