

Recombinant Human RPGRIP1 Protein, His-tagged

Cat. No. RPGRIP1-2660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPGRIP1 Protein (Phe1048-Ser1286) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe1048-Ser1286
Description	This gene encodes a photoreceptor protein that interacts with retinitis pigmentosa GTPase regulator protein and is a key component of cone and rod photoreceptor cells. Mutations in this gene lead to autosomal recessive congenital blindness.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31 kDa Accurate Molecular Mass: 30 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

RPGRIP1 RPGR interacting protein 1 [Homo sapiens (human)]

Official Symbol

RPGRIP1

Synonyms

RPGRIP1; RPGR interacting protein 1; LCA6; RGI1; RGRIP; CORD13; RPGRIP; RPGRIP1d; X-linked retinitis pigmentosa GTPase regulator-interacting protein 1
retinitis pigmentosa GTPase regulator interacting protein 1

Gene ID

57096

mRNA Refseq

NM_020366

Protein Refseq

NP_065099

MIM

605446

UniProt ID

Q96KN7

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