

# Recombinant human RP9 protein

Catalog Number: ATGP1850

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-155aa

### UniProt No.

Q8TA86

### NCBI Accession No.

NP\_976033

### Alternative Names

Retinitis pigmentosa 9 protein, PAP-1

## PRODUCT SPECIFICATION

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### Molecular Weight

20.7 kDa (178aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Retinitis pigmentosa 9, also known as RP9, is thought to be a target protein for the PIM1 kinase. This protein may play some roles in B-cell proliferation in association with PIM1. Recombinant human RP9 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMSRPGR EDVGAAGARR PREPPEQELQ RRREQKRRRH DAQQLQQLKH  
LESFYEKPPP GLIKEDETKP EDCIPDVPGN EHAREFLAHA PTKGLWMLPG KEVKVMQCWR CKRYGHRTGD KECFFIKGN

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QKLEQFRVAH EDPMYDIIRD NKRHEKDV

## General References

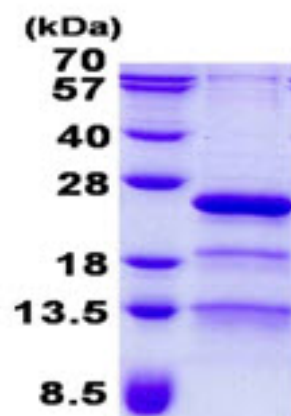
Kuroda T.S., et al. (2004) Gene. 340:83-98

Keen T.J., et al. (2002) Eur. J. Hum. Genet. 10:245-249

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)