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Recombinant human RP9 protein

Catalog Number: ATGP1850

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-155aa

UniProt No.

08TA86

NCBI Accession No.

NP 976033

Alternative Names

Retinitis pigmentosa 9 protein, PAP-1

PRODUCT SPECIFICATION

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

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 SSGLVPRGSH MGSMSSRPGR EDVGAAGARR PREPPEQELQ RRREQKRRRH DAQQLQQLKH LESFYEKPPP GLIKEDETKP EDCIPDVPGN EHAREFLAHA PTKGLWMPLG KEVKVMQCWR CKRYGHRTGD KECPFFIKGN



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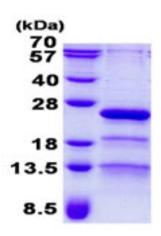
QKLEQFRVAH EDPMYDIIRD NKRHEKDV

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

SDS-PAGE



15% SDS-PAGE (3ug)

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

