9051 Mira Mesa Blvd, #910094
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# RP9 Human

*Retinitis Pigmentosa 9 Human Recombinant*
*RCP1887*

## Product Overview

| | |
|---|---|
| Name | RP9 Human |
| **Description** | |
| Retinitis Pigmentosa 9 Human Recombinant | |
| Accession (Primary) | Q8TA86 |
| **Synonyms** | |
| Retinitis pigmentosa 9 protein, Pim-1-associated protein, PAP-1, RP9. | |
| **Introduction** | |
| Retinitis pigmentosa 9 (RP9) is assumed to be a target protein for the PIM1 kinase. The RP9 protein may have some roles in B-cell proliferation in association with PIM1. RP9 can be bound and phosphorylated by the protooncogene PIM1 product, a serine/threonine protein kinase. RP9 localizes in nuclear speckles containing the splicing factors, and has a part in pre-mRNA splicing. RP9 gene mutations result in autosomal dominant retinitis pigmentosa-9. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| RP9 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 85.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS MSSRPGR EDVGAAGARR PREPPEQELQ RRREQKRRRH DAQQLQQLKH LESFYEKPPP GLIKEDETKP EDCIPDVPGN EHAREFLAHA PTKGLWMPLG KEVKVMQCWR CKRYGHRTGD KECPFFIKGN QKLEQFRVAH EDPMYDIIRD NKRHEKDV. | |
| **Precautions** | |
| RP9 Human is for research use only and not for use in diagnostic or therapeutic procedures. | |

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# Target Information: ( Q8TA86 )