

## 32-4673: Recombinant Human Retinitis Pigmentosa 9

**Alternative Name :** Retinitis pigmentosa 9 protein,Pim-1-associated protein,PAP-1,RP9.

### Description

Source : Escherichia Coli. RP9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 178 amino acids (1-155 a.a.) and having a molecular mass of 20.7kDa.RP9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 85.0% as determined by SDS-PAGE.   |
| <b>Content :</b>           | RP9 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.  |
| <b>Storage condition :</b> | 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. |
| <b>Amino Acid :</b>        | MGSSHHHHHH SGLVPRGSH MGSMSRPGR EDVGAAGARR PREPPEQELQ RRREQKRRRH<br>DAQLQQLKH LESFYEKPPP GLIKEDETKP EDCIPDVPGN EHAREFLAHA PTKGLWMPLG KEVKVMQCWR<br>CKRYGHRTGD KECPPFIKGN QKLEQFRVAH EDPMYDIIRD NKRHEKDV.                             |

