

## Product datasheet for **AR50674PU-N**

### RP9 (1-155, His-tag) Human Protein

#### Product data:

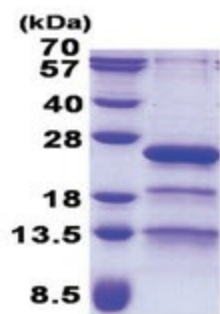
|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | RP9 (1-155, His-tag) human recombinant protein, 0.5 mg  |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMSSRPGR EDVGAAGARR PREPPEQELQ RRREQKRRRH DAQQLQLKH LESFYEKPPP GLIKEDETKP EDCIPDVPGN EHAREFLAHA PTKGLWMPLG KEVKVMQCWR CKRYGHRTGD KECFFIKGN QKLEQFRVAH EDPMYDIIRD NKRHEKDV |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 20.7 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >85% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1 mM DTT                                      |
| Preparation:                          | Liquid purified protein   |
| Protein Description:                  | Recombinant human RP9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <a href="#">NP_976033</a>   |
| Locus ID:                             | 6100  |
| UniProt ID:                           | <a href="#">Q8TA86</a>  |
| Cytogenetics:                         | 7p14.3  |
| Synonyms:                             | PAP-1, Pim-1-associated protei, retinitis pigmentosa 9  |



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**Summary:**

The protein encoded by this gene can be bound and phosphorylated by the protooncogene PIM1 product, a serine/threonine protein kinase . This protein localizes in nuclear speckles containing the splicing factors, and has a role in pre-mRNA splicing. CBF1-interacting protein (CIR), a corepressor of CBF1, can also bind to this protein and effects alternative splicing. Mutations in this gene result in autosomal dominant retinitis pigmentosa-9. This gene has a pseudogene (GeneID: 441212), which is located in tandem array approximately 166 kb distal to this gene. [provided by RefSeq, Sep 2009]

**Product images:**

15% SDS-PAGE (3ug)