

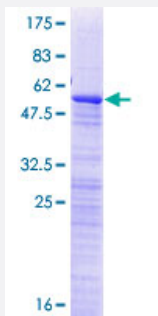
Full-Length

RP9 (Human) Recombinant Protein (P01)

Catalog # H00006100-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RP9 full-length ORF (NP_976033.1, 1 a.a. - 221 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSRPGREDVGAAGARRPREPPEQELQRRREQKRRRHDAQQLQQLKHLESFYEKPPPGLIKED ETKPEDCIPDVPGNHAREFLAHAPTGLWMPGLGKEVKVMQCWRCKRYGHRTGDKECPFFIKG NQKLEQFRVAHEDPMYDIIRDNKRHEKDVRQQQLKQLLEDSTSDedrSSSSSSEGKEKHKKKKK KEKHKKRKKEKKKKKKRKHKSSKSNEGSDSE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.5
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RP9

Entrez GeneID [6100](#)

GeneBank Accession# [NM_203288.1](#)

Protein Accession# [NP_976033.1](#)

Gene Name RP9

Gene Alias PAP-1

Gene Description retinitis pigmentosa 9 (autosomal dominant)

Omim ID [180104 607331](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations Pim-1 associated protein|Pim-1 kinase associated protein|retinitis pigmentosa 9

Disease

- [Retinal Diseases](#)