



Recombinant Human Retinitis pigmentosa 9 protein (RP9)

Product Code	CSB-EP844700HU
Abbreviation	RP9
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8TA86
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSSRPGREDV GAAGARRPRE PPEQELQRRR EQKRRRHDAQ QLQQLKHLES FYEKPPGLI KEDETKPEDC IPDVPGNEHA REFLAHAPTK GLWMPLGKEV KVMQCWRCKR YGHRTGDKEC PFFIKGNQKL EQFRVAHEDP MYDIIRDNKR HEKDVRIQQL KQLLEDSTSD EDRSSSSSSE GKEKHKKKKK KEKHKKRKKE KKKKKKRKHK SSKSNEGSDS E
Source	E.coli
Target Names	RP9
Protein Names	Recommended name: Retinitis pigmentosa 9 protein Alternative name(s): Pim-1-associated protein Short name= PAP-1
Expression Region	1-221
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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