

Jacalin recombinant protein

Jacalin

Catalog # PBV10731r

Specification

Jacalin recombinant protein - Product info

Primary Accession

[O38720](#)

Calculated MW

14.6 kDa (β chain) and 17.1 kDa (full protein) kDa

Jacalin recombinant protein - Additional Info

Other Names

Jacalin

Source

Artocarpus heterophyllus (Jackfruit)

Assay&Purity

SDS-PAGE; \geq 97%

Recombinant

No

Sequence

**MAYSSLLSLS VLALLFSISS ADTRKWFLAN
GINQNPIGII EAAVGVEDL LNLNGMEAKN
KSQTV IVGPWGAQVS TSSNGKAFDD
GAFTGIREIN LSYNKETAIG DFQVIYDLNG
SPYVGQNHTS FIKGFTPVKI SLDFPSEYIV
DVSgyTGKVS GYVVVRSltf KTNKKTYGPY
GVTSGTpfNL PIENGLVVGf KGSIGYwLDY
FSMYLSL**

Application Notes

Reconstitute in water

Format

Lyophilized

Storage

-20°C; Lyophilized without additives

Jacalin recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Jacalin recombinant protein - Images

Jacalin recombinant protein - Background

Jacalin is isolated from Jackfruit seeds and purified by affinity chromatography. It is a glycoprotein with two non-covalently bound subunits (14.6 and 17.1 kDa) and belongs to the family of galactose-binding lectins. Jacalin is preferably used in applications to isolate IgA from human serum, isolating human plasma glycoproteins and for applications in histochemistry. BioVision's Jacalin is supplied as a white to light-yellow lyophilized powder without additives. The purity of the lectin is determined by SDS-PAGE, generating two homogeneous bands at 14 kDa and 17 kDa. Gene Bank Accession Number Q38720.