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A Method For Constructing Recombinant Soluble Flag-Tagged Single Chain Variable Fragment (SCFV) Against Cucumber Mosaic Virus (CMV)



▶ MORE INFORMATION

MEGA-TREND

- Agriculture
- Future Application in Agriculture Sector

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 2

PATENT/ GRANTED NUMBER

- MY-162822-A

▶ TECHNOLOGY OVERVIEW

The present invention relates to a method for producing recombinant soluble flag-tagged single chain variable fragment (scfv) targeting cucumber mosaic virus (cmv) coat protein. The soluble flag-tagged single chain variable fragment (scfv) antibody produced according to the present invention is utilized to bypass tedious and time-consuming hybridoma development. Meanwhile, it is now possible to produce the desired functional antibodies in large amounts in a short period. In addition the scfv produced may be used for producing cmv-resistant transgenic plant.

CONTACT US!

Dr. Lee Ching Shya, RTTP

UMCIE Business Officer

Email: leecs@um.edu.my

Phone: +603 – 7967 7352 / 013-2250151