

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-102024-3

LAST UPDATED: 28 JUN 2012

General information

Name of genetic element

Viral protein 60

EN

Abbreviation

CS-VP60

EN

Category

Protein coding sequence

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-102023-6](#) ORGANISM | RABBIT HEMORRHAGIC DISEASE VIRUS (RHDV)

Viruses

Characteristics of the protein coding sequence

Name of the protein expressed by the coding sequence

Capsid protein VP60

EN

Biological function of the protein

The viral capsid protein VP60 is a structural protein of the rabbit haemorrhagic disease virus (RHDV). The VP60 protein alone does not trigger the disease in rabbits.

EN

The vaccines used in this case contain inactivated virus and thus the VP60 protein.

Related trait(s) or use(s) in biotechnology

Production of medical or pharmaceutical compounds (human or animal)

Vaccines

Additional Information

Other relevant website addresses and/or attached documents

? [Immunisation with potato plants expressing VP60 protein protects against rabbit haemorrhagic disease virus..pdf](#) (*English*)

? [Protection of rabbits against rabbit hemorrhagic disease virus by immunization with the VP60 protein expressed in plants with a potyvirus-based vector.](#) (*English*)

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Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

**Secretariat of the Convention
on Biological Diversity**

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