

## Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-110715-1

LAST UPDATED: 01 AUG 2016

### General information

Name of genetic element

Npro coding sequence

EN

Abbreviation

CS-Npro-BVDV

EN

Category

Protein coding sequence

Is this genetic element a synthetic molecule?

No

### Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-110658-4](#) ORGANISM | PESTIVIRUS A (BVDV-1) |

Viruses

### Characteristics of the protein coding sequence

Name of the protein expressed by the coding sequence

Npro

EN

Biological function of the protein

The NPro Product of Bovine Viral Diarrhea Virus Inhibits DNA Binding by Interferon Regulatory Factor 3 and Targets It for Proteasomal Degradation

EN

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

? [The NPro Product of Bovine Viral Diarrhea Virus Inhibits DNA Binding by Interferon Regulatory Factor 3 and Targets It for Proteasomal Degradation \( \*English\* \)](#)

[BCH-GENE-SCBD-110715-1](#)

## 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**

413 rue Saint-Jacques, suite 800  
Montreal, Québec, H2Y 1N9  
Canada

Fax: +1 514 288-6588

Email: [secretariat@cbd.int](mailto:secretariat@cbd.int)