



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## PPH302 PODS® Empty

### Description

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PODS® Empty crystals are composed solely of polyhedrin protein which self-assembles into regular, cubic crystals. Thus, these PODS® co-crystals do not contain any cargo protein, in contrast to other PODS® growth factor products, and are intended to be used as negative controls alongside cargo-containing PODS® co-crystals. The cross-reactivity of PODS® Empty crystals has been tested on a variety of cells including mouse ES cells, PC12, fibroblasts, and ETS embryos, and there was no observable interference with the tested cells. Additionally, in-vivo data indicate no inflammatory response to PODS® Empty crystals in animals.

<b>Length</b>	250 aa
<b>Molecular Weight</b>	28.7 kDa
<b>Source</b>	<i>Spodoptera frugiperda (Sf9) cell culture</i>
<b>Accession Number</b>	D37771.1

### Usage Recommendation

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PODS® Empty crystals display the same physical properties as other PODS® growth factor products. While PODS® Empty behave in the same way as other PODS® co-crystals, they differ in that they do not contain or release cargo protein. They can be used analogous to other PODS® growth factor products.

### Specifications

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<b>Alternative Names</b>	Bombyx mori cypovirus polyhedrin protein
<b>Endotoxin Level</b>	<0.06 EU/ml as measured by gel clot LAL assay
<b>Formulation</b>	PODS® were lyophilized from a volatile solution
<b>AA Sequence</b>	MIMADVAGTS NRDFRGREQR LFNSEQYNYN SSLNGEVSVW VYAYSDGSV LVINKNSQYK VGISETFKAL KEYREGQHND SYDEYEVNQS IYYPNGGDAR KFHSNAKPRA IQIIFSPSVN VRTIKMAKGN AVSVPDEYLQ RSHPWATGI KYRKIKRDGE IVGYSHYFEL PHEYNSISLA VSGVHKNPSS YNVGSAHNVN DVFQSCDLAL RFCNRYWAEL ELVNHYISPN AYPYLDINNH SYGVALSNRQ

### Preparation and Storage

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<b>Reconstitution</b>	PODS® co-crystals may be reconstituted at 200 million co-crystals/ml in water. 20% glucose has a buoyant density closer to PODS® co-crystals and can be useful for aliquoting. PODS® co-crystals are highly stable when stored in aqueous solution (pH range 6 - 8).
<b>Stability and Storage</b>	Upon receipt, store at 4°C. PODS® co-crystals are stable for at least 1 year when dry and 6 months when resuspended.