



# 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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## PPH36 PODS® Human Chemerin

### Description

The product contains the polyhedrin protein co-crystallized with Human Chemerin. Chemerin is a chemoattractant adipokine that is expressed in white adipose, liver, skin, and lung tissues. Chemerin is a ligand for the G protein-coupled receptor chemokine-like receptor 1 (ChemR23), which is expressed on dendritic cells, macrophages, and adipocytes. Chemerin functions to recruit macrophages to sites of tissue damage and inflammation. Chemerin is also a regulator of glucose metabolism in the liver.

<b>Length</b>	188 aa
<b>Molecular Weight</b>	21.7 kDa
<b>Source</b>	<i>Spodoptera frugiperda (Sf9) cell culture</i>
<b>Accession Number</b>	Q99969

### Usage Recommendation

PODS® co-crystals provide a depot of proteins which are steadily secreted. It has been estimated that the biological activity of 50 million PODS® co-crystals generates the same peak dose as 3.3 µg of standard recombinant protein. However, at 5 days following the start of seeding the PODS® co-crystals, there are more than 50% of these peak levels still present in the culture system. Ultimately, the amount of PODS® co-crystals that is optimal for a particular experiment should be determined empirically. Based on previous data, we suggest using 50 million PODS® co-crystals in place of 3.3 µg of standard growth factor as a starting point. To control for cross-reactivity with cells or as a negative control, we recommend using PODS® growth factors alongside [PODS® Empty crystals](http://www.cellgs.com/products/podsand8482-empty.html), as the latter do not contain or release cargo protein.

### Specifications

<b>Alternative Names</b>	Tazarotene-induced gene 2, TIG2, RARRES2 Documents Contact Us
<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>	MADVAGTSNR DFRGREQRLF NSEQYNYNNS KNSRPSTSLY KKAGFELTEA QRRGLQVALE EFHKHPPVQW AFQETSVEVA VDTFFPAGIF VRLEFKLQQT SCRKRDKKPK ECKVRPNGRK RKCLACIKLG SEDKVLGRLV HCPJETQVLR EAEHQETQC LRVQRAGEDP HSFYFPGQFA FSKALPRS

### Preparation and Storage

<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.