



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

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PPH320 PODS[®] Human RSP01

Description

The product contains the polyhedrin protein co-crystallized with Human RSP01. R-Spondin 1, is a member of the family of Wnt modulators. All R-Spondins regulate Wnt/ β -catenin signaling, but have distinct expression patterns. R-Spondin 1 is expressed by neuroendocrine cells in the intestine, adrenal gland and pancreas, and by epithelia in kidney and prostate.

Length	288 aa
Molecular Weight	32 kDa
Source	<i>Spodoptera frugiperda (Sf9) cell culture</i>
Accession Number	Q2MKA7

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 μ g 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 μ g 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

Alternative Names	Cristin 3, CRISTIN3, FLJ40906Roof plate-specific spondin-1, hRspo1, roof plate-specific spondin, RSP0, RSpondin 1, R-Spondin 1, R-spondin1; R-Spondin-1
Endotoxin Level	<0.06 EU/ml as measured by gel clot LAL assay
Formulation	PODS [®] were lyophilized from a volatile solution
AA Sequence	MADVAGTSNR DFRGREQRLF NSEQYNNNS KNSRPSTSLY KKAGFSRGIK GKRQRRISAE GSQACAKGCE LCSEVNGCLK CSPKLFILLE RNDIRQVGVC LPSCPPGYFD ARNPD MNKCI KCKIEHCEAC FSHNFCTKCK EGLYLHKGRC YPACPEGSSA ANGTMEC SSP AQCEMSEWSP WGPCSKKQQL CGFRRGSEER TRRVLHAPVG DHAACSDTKE TRRCTVRRVP CPEGQKRRKG GQGRRENANR NLARKESKEA GAGSRRRKGQ QQQQQQGTVG PLTSAGPA

Preparation and Storage

Reconstitution	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).
Stability and Storage	Upon receipt, store at 4°C. PODS [®] co-crystals are stable for at least 1 year when dry and 6 months when resuspended.