

# Action potential models for open source CESE (CESE OSS)

## Table of contents

1 Simucore model library for CESE OSS.....	2
1.1 Ventricular and Purkinje Fibres.....	2
1.2 Atrial and SA Node.....	2

## 1 Simucore model library for CESE OSS

All models are designed for CESE OSS version 1.4 or above.

### 1.1 Ventricular and Purkinje Fibres

Model #	Model System	Based Upon	Price
0203011	<a href="#">Human Ventricular TP06-SM</a>	ten Tusscher-Panfilov, 2006	USD\$650.00 <a href="#">Add to order</a>
0203012	<a href="#">Canine Ventricular HR04-SM</a>	Hund-Rudy, 2004	USD\$650.00 <a href="#">Add to order</a>
0203008	<a href="#">Human Ventricular TNNP04-SM</a>	ten Tusscher, Noble, Panfilov, 2004	USD\$650.00 <a href="#">Add to order</a>
0203010	<a href="#">Human Ventricular BWZVP02-SM</a>	Bernus, Wilder, Zemlin, Vershelde, Panfilov, 2002	USD\$650.00 <a href="#">Add to order</a>
0203013	<a href="#">Canine Ventricular FMG02-SM</a>	Fox, McHarg, Gilmour, 2002	USD\$650.00 <a href="#">Add to order</a>
0203006	<a href="#">Guinea Pig Ventricular IKrWT-CR01-SM</a>	Clancy-Rudy, 2001 - IKr wild type	USD\$650.00 <a href="#">Add to order</a>
0203005	<a href="#">Rabbit Ventricular PB01-SM</a>	Puglisi-Bers, 2001	USD\$650.00 <a href="#">Add to order</a>
0203004	<a href="#">Guinea Pig Ventricular FR00-SM</a>	Faber-Rudy, 2000	USD\$650.00 <a href="#">Add to order</a>
0203007	<a href="#">Guinea Pig Ventricular INaWT-CR99-SM</a>	Clancy-Rudy, 1999 - INa wild type	USD\$650.00 <a href="#">Add to order</a>
0203009	<a href="#">Human Ventricular PB98-SM</a>	Priebe-Beuckelmann, 1998	USD\$650.00 <a href="#">Add to order</a>

### 1.2 Atrial and SA Node

Model #	Model System	Based Upon	Price
0202003	<a href="#">Canine Atrial KRCCN02-SM</a>	Kneller, Ramirez, Chartier, Courtemanche, Nattel, 2002	USD\$650.00 <a href="#">Add to order</a>
0202001	<a href="#">Canine Atrial RNC00-SM</a>	Ramirez, Nattel, Courtemanche, 2000	USD\$650.00 <a href="#">Add to order</a>

Model #	Model System	Based Upon	Price
0202002	<a href="#">Human Atrial CRN98-SM</a>	Courtemanche, Ramirez, Nattel, 1998	USD\$650.00 <a href="#">Add to order</a>

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