



Recombinant Proteins and Constructs for Calcium Signaling Studies

Learn more!

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Research Tool
2006-100

Our Inventors
Dr. Peter Koulen

Publications

"The Cytosolic N-terminus of Prescrilin-1 potentiates mouse ryanodine receptor single channel activity"
International Journal of Biochemistry & Cell Biology, in press (2007)

"Homer proteins control neuronal differentiation through IP(3) receptor signaling." FEBS Lett. 580(26):6145 (2006)

"Ves1/Homer proteins regulate ryanodine receptor type 2 function and intracellular calcium signaling." Cell Calcium. 34(3):261 (2003)

"Polycystin-1 can interact with homer 1/Vesl-1 in postnatal hippocampal neurons" J. Neurosci Res. 84 (8): 1727 (2006)

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Application

- Research tools for neurobiology, aging research, cancer research, developmental biology, cell biology and biochemistry.

Details

Each Recombinant Protein is available with and without GST-tag

- **Calmodulin 3** - murine
- **Sorcini** - murine
- **Homer 1a** - murine
- **Homer 1c** - murine
- **Homer 1c (murine)-GFP Fusion Protein**
- **Presenilin 1 NT Constructs** - murine
 - amino acids 1-82
 - amino acids 1-79
 - amino acids 1-82, mut V82L
 - amino acids 1-79, mut A79V
- **Presenilin 2 NT** - human
 - amino acids 1-87
- **Presenilin 2 loop** - human
 - amino acids 271-388