



UNIVERSITY of NORTH TEXAS HEALTH SCIENCE CENTER

Technology Transfer & Commercialization

Recombinant Proteins for Calcium Signaling Studies

Learn more!

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Research Tool

2006-100

Our Inventors

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Publications

"The Cytosolic N-terminus of Presenilin-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/Ves1-1 in postnatal hippocampal neurons" J Neurosci Res. 84(8): 1727-37 (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
- **Sorcin** - 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