

## **?-Secretase Activity Fluorometric Assay Kit**

### **Product Information**

#### **Cat.No.**

Kit-0864

#### **Product Overview**

A sensitive fluorogenic assay kit for the determination of  $\beta$ -secretase (BACE) activity (Excitation max: 335-355 nm; Emission max: 495-501 nm).  $\beta$ -Secretase is a transmembrane aspartyl protease that cleaves membrane-bound amyloid precursor protein.

#### **Size**

1 kit/100 Tests

#### **Usage**

The Calbiochem  $\beta$ -Secretase Activity Assay Kit, Fluorogenic, is intended for measuring the  $\beta$ -secretase (BACE) activity in cell lysates, tissue extracts, or purified enzyme preparations.

#### **Storage**

Storage: -20°C Storage Conditions: Upon arrival store the entire contents of the kit at -20°C. Following reconstitution of the Active  $\beta$ -Secretase, aliquot and freeze (-70°C) to avoid loss of activity. Following initial thaw of the kit contents, store the Extraction Buffer and 2X Reaction Buffer at 4°C. Protect from Light: Protect from light Avoid freeze/thaw: Avoid freeze/thaw Do not freeze: No

#### **Kit Components**

Extraction Buffer: 1 bottle, 25 ml 2X Reaction Buffer: 1 vial, 10 ml  $\beta$ -Secretase Substrate: 1 vial, 200  $\mu$ l, supplied in DMSO Active  $\beta$ -Secretase: 1 vial, lyophilized  $\beta$ -Secretase Inhibitor: 1 vial, 10  $\mu$ l, supplied in DMSO

#### **Detection method** Fluorogenic

#### **Compatible Sample Types**

Cell lysates, tissue extracts, purified BACE