CREATIVE BIOMART®
Assay Kit

?-Secretase Activity Fluorometric Assay Kit

Product Information

Cat.No. Kit-0864

Product Overview

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

Size

1 kit/100 Tests

Usage

The Calbiochem β-Secretase Activity Assay Kit, Fluorogenic, is intended for measuring the β-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 β-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 ml2X Reaction Buffer: 1 vial, 10 mlβ-Secretase Substrate: 1 vial, 200 µl, supplied in DMSOActive β-Secretase: 1 vial, lyophilizedβ-Secretase Inhibitor: 1 vial, 10 µl, supplied in DMSO

Detection method Fluorogenic

Compatible Sample Types

Cell lysates, tissue extracts, purified BACE

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