CREATIVE BIOMART®
Assay Kit

DPP7 Assay Kit

Product Information

Cat.No. Kit-1718

Product Overview

Dipeptidyl peptidase-7 (DPP7), also known as DPP2, is a serine aminopeptidase found in quiescent lymphocytes. Inhibition of this enzyme induces apoptosis, and levels of DPP7 are elevated in many tumors, suggesting that DPP7 may be involved in a novel pathway for tumor suppression.

Size

96 reactions

Description

The Fluorogenic DPP7 Assay Kit is designed to measure DPP7 activity using purified DPP7 for screening and profiling applications. The key to the Fluorogenic DPP7 Assay Kit is the specific, fluorogenic substrate. Using this kit, only one simple step on a microtiter plate is required for DPP7 reactions. The fluorometric substrate is incubated with a sample containing DPP7 enzyme to produce a fluorophore that can then be measured using a fluorescence reader.

Applications

Great for studying enzyme kinetics and screening small molecular inhibitors for drug discovery and HTS applications.

Storage

At least 12 months from date of receipt, when stored as directed. Kit components require different storage conditions. Be sure to store each component at the proper temperature upon arrival.

Kit Components

DPP7 human recombinant enzyme: 5 µg; -80°CDPP assay buffer: 10 ml; -20°C Fluorogenic DPP substrate 1 in DMSO (0.5 mM): 100 µl; -80°C AMC Fluorescent standard (50 µM): 500 µl; -20°C black, low binding NUNC black microtiter plate: 1 plate; Room temp.

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