CREATIVE BIOMART®
Assay Kit

DPP8 Assay Kit

Product Information

Cat.No. Kit-1719

Product Overview

Dipeptidyl peptidase-8 (DPP8) is a ubiquitously expressed serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. DPP8 shares homology and substrate recognition patterns with DPP4 and like DPP4, is thought to play a role in T-cell activation and immune function.

Size

96 reactions

Description

The Fluorogenic DPP8 Assay Kit is designed to measure DPP8 activity using purified DPP8 for screening and profiling applications. The key to the Fluorogenic DPP8 Assay Kit is the fluorogenic substrate. Using this kit, only one simple step on a microtiter plate is required for DPP8 reactions. The fluorometric substrate is incubated with a sample containing DPP8 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

DPP8 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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