CREATIVE BIOMART®
Assay Kit

JNK Activity Assay Kit

Product Information

Cat.No. Kit-0490

Product Overview

JNK Activity Assay Kit is used for detecting JNK.

Description

c-Jun N-terminal kinase (JNK) is one of the several main MAP kinase groups identified in mammals. Recent evidences suggest that activation of JNK may play an important role in neuronal apoptosis and other physiological and pathological processes. The JNK Activity Assay Kit utilizes a JNK-specific antibody to immunoprecipitate JNK from cell lysate. Activity of the JNK is then determined in a kinase reaction using recombinant c-Jun as substrate. Phosphorylation of the c-Jun can be analyzed by Western blot analysis using a phospho-c-Jun specific antibody. The kit specifically detects JNK, other kinase activity would not be detected.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store kit at -20°C.

Kit Components

Kinase Extraction Buffer 80 mlJNK Specific Antibody 80 μlProtein A Sepharose 2 mlc-Jun Protein/ATP Mixture 80 μlKinase Assay Buffer 25 mlPhospho-cJun Specific Antibody 50 μl

Compatible Sample Types

Cell Lysate, Tissue Lysate

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