CREATIVE BIOMART®
Assay Kit

JNK Activity Screening Kit

Product Information

Cat.No. Kit-0491

Product Overview

JNK Activity Screening Kit is used for detecting JNK activity.

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 screening kit utilizes an N-terminal c-Jun (1-79) fusion protein bound to glutathion sepharose beads to selectively "pull down" JNK from cell lysates. After wash to remove nonspecifically bound proteins, the kinase reaction is then carried out in the presence of cold ATP. c-Jun phosphorylation is then measured by Western blot analysis using a phospho-c-Jun specific antibody.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store kit at -20°C.

Kit Components

1. Kinase Extraction Buffer: 80 ml.2. c-Jun (1-79) Fusion Protein Beads: 800 µl.3. Kinase Assay Buffer: 25 ml.4. ATP (10 mM): 50 µl.5. Phospho-cJun Specific Antibody: 50 µl.

Compatible Sample Types

Cell Lysate, Tissue Lysate

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