NUDT18 hydrolyses 8-oxo-dADP to 8-oxo-dAMP

D'Eustachio, P., Ito, R.
Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references


Reactome database release: 83

This document contains 1 reaction (see Table of Contents)

https://reactome.org
NUDT18 hydrolyses 8-oxo-dADP to 8-oxo-dAMP

Stable identifier: R-HSA-2395965

Type: transition

Compartments: cytosol

NUDT18 (MTH3) catalyzes the reaction of 8-oxo-dADP and water to form 8-oxo-dAMP and Pi (orthophosphate) (Takagi et al. 2012). The subcellular location of NUDT18 has not been established but is assumed to be cytosolic like NUDT1.

Literature references


Editions

<table>
<thead>
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<th>Date</th>
<th>Author/Editor</th>
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<tr>
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