

IP6 transports from the cytosol to the nucleus

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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

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Reactome database release: 77

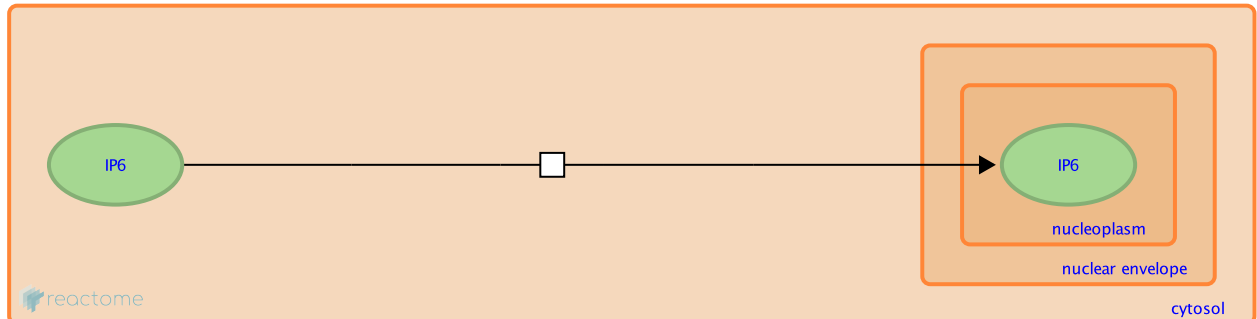
This document contains 1 reaction ([see Table of Contents](#))

IP6 transports from the cytosol to the nucleus ↗

Stable identifier: R-HSA-1855188

Type: transition

Compartments: cytosol, nucleoplasm



Inositol 1,2,3,4,5,6-hexakisphosphate (IP6) translocates from the cytosol to the nucleus (Saiardi et al. 2001).

Literature references

Saiardi, A., Nagata, E., Luo, HR., Snowman, AM., Snyder, SH. (2001). Identification and characterization of a novel inositol hexakisphosphate kinase. *J Biol Chem*, 276, 39179-85. ↗

Editions

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