

TP73 tetramer translocates 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: 70

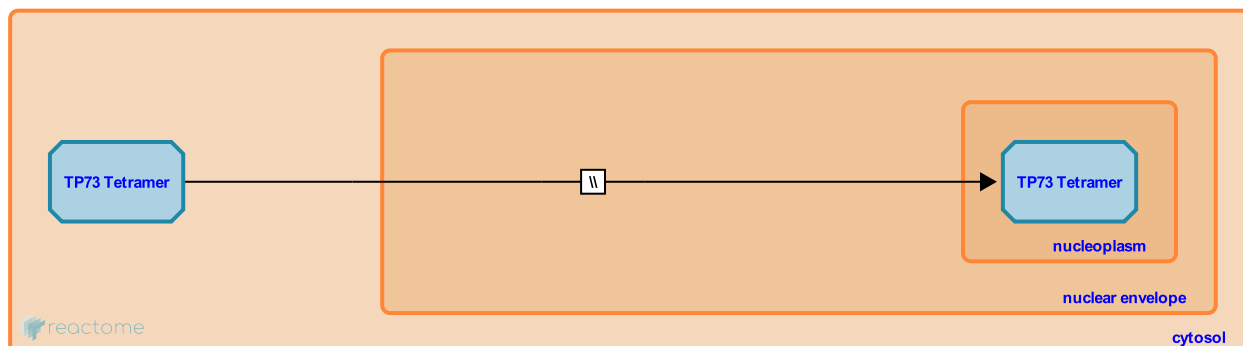
This document contains 1 reaction ([see Table of Contents](#))

TP73 tetramer translocates to the nucleus ↗

Stable identifier: R-HSA-8957241

Type: omitted

Compartments: nuclear envelope



TP73 (p73) possesses both a nuclear localization signal (NLS) and a nuclear export signal (NES) and can shuttle between the nucleus and the cytosol (Inoue et al. 2002).

Literature references

Inoue, T., Stuart, J., Leno, R., Maki, CG. (2002). Nuclear import and export signals in control of the p53-related protein p73. *J. Biol. Chem.*, 277, 15053-60. ↗

Editions

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