

# Phosphorylated HOP is dephosphorylated by PTP61F isoform 1

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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: 88

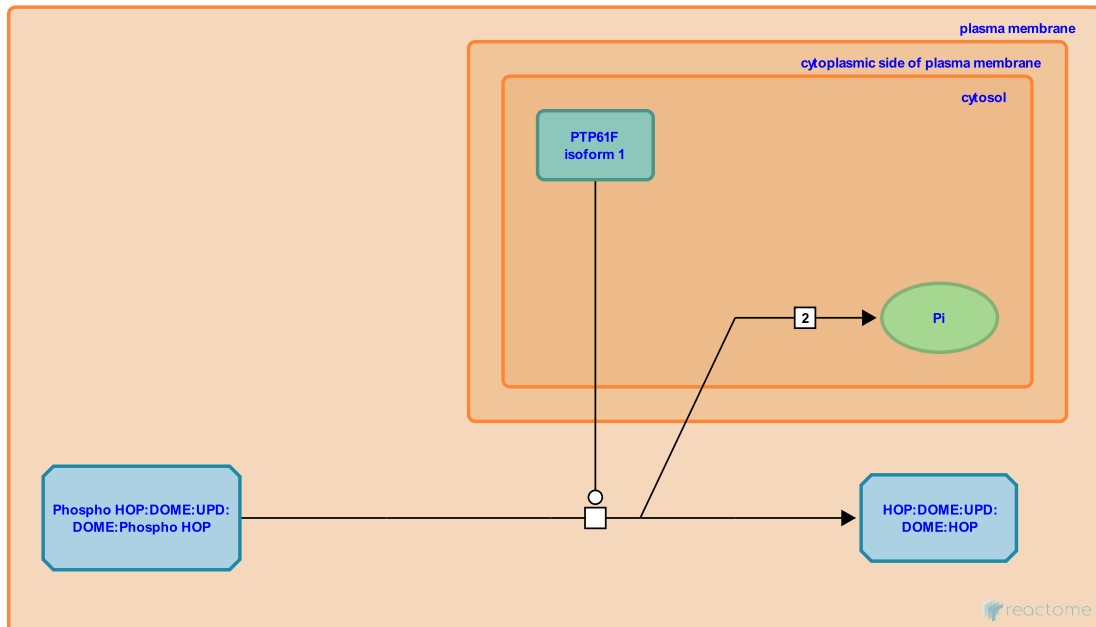
This document contains 1 reaction ([see Table of Contents](#))

## Phosphorylated HOP is dephosphorylated by PTP61F isoform 1 [↗](#)

**Stable identifier:** R-DME-210662

**Type:** transition

**Compartments:** cytosol, plasma membrane



The Janus tyrosine kinase, Hopscotch (HOP) is dephosphorylated in the cytosol by the protein tyrosine phosphatase, PTP61F isoform 1.

### Literature references

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Dixon, JE., McLaughlin, S. (1993). Alternative splicing gives rise to a nuclear protein tyrosine phosphatase in *Drosophila*. *J Biol Chem*, 268, 6839-42. [↗](#)

### Editions

2006-11-02	Authored	Williams, MG.
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