

# eNOS binds NOSIP

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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

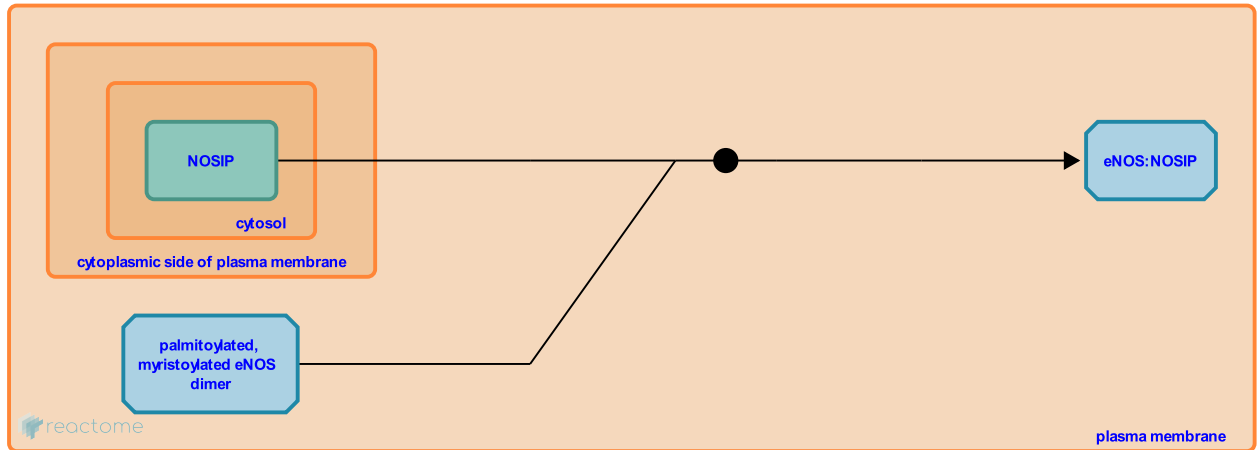
This document contains 1 reaction ([see Table of Contents](#))

## eNOS binds NOSIP [↗](#)

**Stable identifier:** R-HSA-203553

**Type:** binding

**Compartments:** cytosol, plasma membrane



NOSIP (eNOS interacting protein) binds to the carboxyl-terminal region of the eNOS oxygenase domain. Note that the eNOS binding sites for caveolin and NOSIP overlap.

## Literature references

Muller-Esterl, W., Wohlfart, P., Dedio, J., Konig, P., Schroeder, C., Kummer, W. (2001). NOSIP, a novel modulator of endothelial nitric oxide synthase activity. *FASEB J*, 15, 79-89. [↗](#)

## Editions

2008-02-28

Reviewed

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