

# Release of CSK from SRC

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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

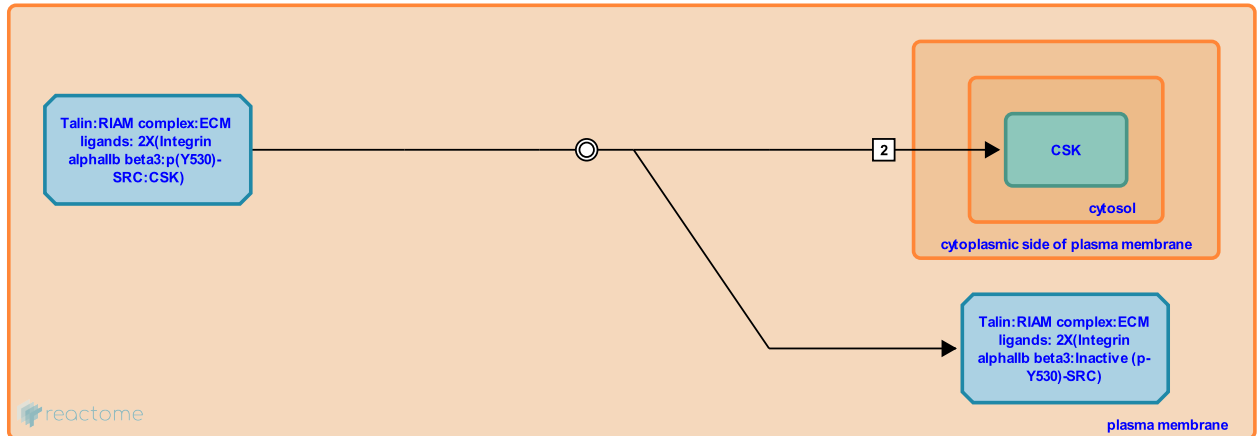
This document contains 1 reaction ([see Table of Contents](#))

## Release of CSK from SRC [↗](#)

**Stable identifier:** R-HSA-377644

**Type:** dissociation

**Compartments:** cytosol, plasma membrane



CSK bound to integrin alphaIIb beta3 negatively regulates SRC by phosphorylating the Tyr-530. Platelet adhesion to fibrinogen causes the disassociation of CSK from alphaIIb beta3 complex.

### Literature references

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Shattil, SJ. (2005). Integrins and Src: dynamic duo of adhesion signaling. *Trends Cell Biol*, 15, 399-403. [↗](#)

### Editions

2008-06-16	Authored, Edited	Garapati, P V.
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