

Pex5l binds Acox1 or Uox

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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

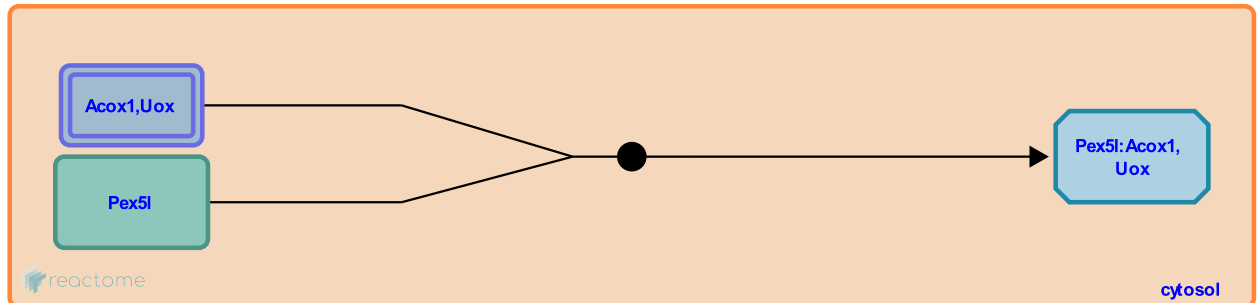
This document contains 1 reaction ([see Table of Contents](#))

Pex5l binds Acox1 or Uox [↗](#)

Stable identifier: R-MMU-9033925

Type: binding

Compartments: cytosol



Pex5l binds monomeric Acox1 and monomeric Uox in preference to dimeric Acox1 and tetrameric Uox (Freitas et al. 2015). UOX is not expressed in humans.

Literature references

Lismont, C., Domingues, P., Rodrigues, TA., Grou, CP., Freitas, MO., Azevedo, JE. et al. (2015). The peroxisomal protein import machinery displays a preference for monomeric substrates. *Open Biol*, 5, 140236. [↗](#)

Editions

2017-12-29	Authored, Edited	May, B.
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