Keratin filament formation

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https://reactome.org
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


Reactome database release: 83

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https://reactome.org
Mammalian keratin filaments are produced by the lateral and longitudinal aggregation of subunits, such as tetrameric protofilaments and octameric protofibrils (Aebi et al. 1983). The extent of aggregation depends on the pH and osmolarity of the surrounding cytoplasm (Yamada et al. 2002, Magin et al. 2007). Filaments have a cross-section of 32 keratin molecules (Jones et al. 1997).

**Literature references**


**Editions**

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