HNP1-4 are stored in primary neutrophil granules

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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


Reactome database release: 78

This document contains 1 reaction (see Table of Contents)
Alpha defensins HNP1-4, the neutrophil defensins, are stored in biologically active form in neutrophil primary (azurophil) granules, where they make up 5-10% of total cellular protein in these cells (Lehrere et al. 1993). The relative amounts of peptide for HNP-1 to -3 are 2:2:1 with HNP-4 being only a minor component.

**Literature references**
