



# Zebrafish Growth Hormone (DAG3867)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Product Overview	Recombinant Zebrafish Mutant Growth Hormone
Antigen Description	GH is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same
Species	Zebrafish
Purity	Greater than 99% as determined by RP-HPLC and SDS-PAGE
Conjugate	Unconjugated
Format	The protein was lyophilized from a concentrated 1 mg/mL solution with 0.5% NaHCO <sub>3</sub> pH 8.
Preservative	None
Storage	2-8°C short term, -20°C long term

## BACKGROUND

Introduction	Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.
Keywords	GH1; growth hormone 1; GH; GHN; GH-N; hGH-N; IGHD1B; somatotropin; pituitary growth hormone;