



# Recombinant *L. calcarifer* Insulin-like Growth Factor-I (DAG3562)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Barramundi Insulin-like Growth Factor-I
<b>Species</b>	<i>L. calcarifer</i>
<b>Purity</b>	> 95% (by HPLC and N-terminal sequence analysis)
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Lyophilized white powder Dried from 0.1 M acetic acid and stored under nitrogen at a slight vacu
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Barramundi ( <i>Lates calcarifer</i> ) Insulin-like Growth Factor-I (Barramundi IGF-I) is a 66 amino acid polypeptide. While IGF-I is known to stimulate growth and differentiation in many cell types and to mediate many of the anabolic properties of growth hormone, the status of the IGF-I / growth hormone axis is currently under investigation in fish.
<b>Keywords</b>	insulin-like growth factor I; insulin-like growth factorIA; insulin-like growth factor IB; IBP1; IGF-IA; IGFI; MGF; Somatomedin-C; Mechano growth factor; insulin-like growth factor 1; insulin-like growth factor1 (somatomedin C); somatomedin C; Insulin-lik