



Salmon Igf1 (DAG1879)

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

PRODUCT INFORMATION

Product Overview	Salmon/Trout Igf1 (70 amino acids) recombinant protein expressed in Escherichia coli .
Antigen Description	Insulin is a pancreatic hormone that regulates glucose uptake and the synthesis of protein and fat. The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity. I
Species	Salmon
Purity	Proprietary chromatography
Conjugate	Unconjugated
Applications	Functional Study; SDS-PAGE
Format	Lyophilized
Buffer	Lyophilized from 100 mM acetic acid
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2009]
Keywords	IGF1; insulin-like growth factor 1 (somatomedin C); IGF1; IGF-I; IGF1A; insulin-like growth

factor I; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor IA; insulin-like growth factor IB;
