



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); IGFI; 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;
