



Native *T. maccoyii* Insulin Like Growth Factor II (DAG3613)

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

PRODUCT INFORMATION

Product Overview	Tuna Insulin Like Growth Factor II
Species	<i>T. maccoyii</i>
Purity	> 95% (by HPLC and N-terminal sequence analysis)
Conjugate	Unconjugated
Format	Lyophilized white powder. Dried from 0.1 M acetic acid and stored under nitrogen at a slight vacuum.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Keywords	IGF2; insulin-like growth factor 2 (somatomedin A); C11orf43, chromosome 11 open reading frame 43; insulin-like growth factor II; FLJ44734; somatomedin-A; insulin-like growth factor type 2; IGF-II; PP9974; C11orf43; FLJ22066; dusigitumab; 1204390-13-5