



# Recombinant T. maccoyii Insulin-like growth factor 1 receptor (DAG3612)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Bream Insulin-like growth factor 1 receptor Grade
<b>Species</b>	T. maccoyii
<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 vacuum
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
<b>Keywords</b>	IGF1R; insulin-like growth factor 1 receptor; CD221; IGFIR; IGFR; JTK13; MGC18216; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I receptor; MGC142170; MGC142172; dalotuzumab; 1005389-60-5