



Human IGFBP2 blocking peptide (DAG-P0561)

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

PRODUCT INFORMATION

Antigen Description	Inhibits IGF-mediated growth and developmental rates. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Contains 1 IGFBP N-terminal domain.Contains 1 thyroglobulin type-1 domain.
Format	Liquid
Buffer	Constituent: dH2O
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles. Constituent: dH2O

GENE INFORMATION

Gene Name	IGFBP2 insulin-like growth factor binding protein 2, 36kDa [Homo sapiens (human)]
Official Symbol	IGFBP2
Synonyms	IGFBP2; insulin-like growth factor binding protein 2, 36kDa; IBP2; IGF-BP53; insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2;
Entrez Gene ID	3485
mRNA Refseq	NM_000597.2

Protein Refseq	NP_000588.2
UniProt ID	P18065
Chromosome Location	2q33-q34
Pathway	Metabolism of proteins, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Transport and Uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem;
Function	insulin-like growth factor I binding; insulin-like growth factor II binding; protein binding;