

Product datasheet for **TP724640**

IGFBP3 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Insulin-like Growth Factor Binding Protein 3/IGFBP3 (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	G28-K291
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human Insulin-like Growth Factor Binding Protein 3 is produced by Human 293 Cells. The target gene encoding G28-K291 is expressed with a hFc tag at the C terminus.
Stability:	12 months from date of despatch
Locus ID:	3486
UniProt ID:	P17936
Summary:	Insulin-like growth factor-binding protein 3 (IGFBP3) is a member of IGF binding protein superfamily. 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. IGFBP3 is expressed by most tissues and the expression levels are higher during development. It is up-regulated in the presence of IGF1, insulin and other growth-stimulating factors such as growth hormone, EGF and phorbol esters. IGFBP3 is the most abundant IGF binding protein in human serum and has been shown to be a growth inhibitory, apoptosis-inducing molecule, capable of acting via IGF-dependent and IGF-independent mechanisms. Several clinical studies have shown that individuals with IGFBP3 levels in the upper range of normal may have a decreased risk for certain common cancers



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