



Recombinant Human IGFBP7

Cat No:HR2R1530

For research use only

Overview

Quantity	100 µg
Gene Symbol	IGFBP7
Gene ID	3490
Accession	Q16270
Alternative Name	IBP-7, IGF-binding protein 7, IGFBP-7, IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, Prostacyclin-stimulating factor, Tumor-derived adhesion factor, TAF, Angiomodulin, AGM Recombinant Human Insulin-Like Growth Factor Binding Protein 7 (IGFBP7)
Species	Human
Source	E. coli
Description	IBP-7 is a secreted glycoprotein which mediates skeletal myogenesis by binding to IGF and inhibiting its ability to induce skeletal myoblast differentiation while maintaining a constant growth of myoblasts. It has been shown that IBP-7 suppresses growth of cancer cell lines through an IGF independent pathway.
Functions	Measured by its ability to bind CCL21 in a functional ELISA
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS
Solubility	Reconstitute at 100 µg/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	26.7
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/µg of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	<1.0 EU/µg of recombinant protein as determined by the LAL method.