

Recombinant Human IGFBP7

Cat No:HR2R1529

For research use only

Overview

Quantity	1.0 ?g
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 ?m filtered solution in PBS
Solubility	Reconstitute at 100 ?g/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	26.7
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.