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32-7318: Recombinant Human Insulin-Like Growth Factor-Binding Protein 4/IGFBP-4 (C-6His)

Gene : IGFBP4
Gene ID : 3487
Uniprot ID : P22692

Description

Source: Human Cells.
MW :27.01kD.
Recombinant Human Insulin-Like Growth Factor-Binding Protein 4 is produced by our Mammalian expression system and the target gene encoding Asp22-Glu258 is expressed with a 6His tag at the C-terminus. IGFBP-4, whose full name is insulin-like growth factor-binding protein 4, is induced by forskolin and N6, O2Â'dibutyryl sdenosine 3Â', or 5Â'-cyclic monophosphate. It contains IGFBP N-terminal domain and thyroglobulin type-1 domain, and can bind IGF2. The IGF-binding proteins can 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.

Product Info

Amount :	10 μg / 50 μg
Content :	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	DEAIHCPPCSEEKLARCRPPVGCEELVREPGCGCCATCALGLGMPCGVYTPRCGSGLRCYPPRGVEKPLHTLM HGQGVCMELAEIEAIQESLQPSDKDEGDHPNNSFSPCSAHDRRCLQKHFAKIRDRSTSGGKMKVNGAPREDA RPVPQGSCQSELHRALERLAASQSRTHEDLYIIPIPNCDRNGNFHPKQCHPALDGQRGKCWCVDRKTGVKLPG GLEPKGELDCHQLADSFREVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂμg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂμg (1 IEU/ÃÂμg) as determined by LAL test.