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32-1348: IGFBP1 Recombinant Protein

Alternative Name : IBP-1,IGF-Binding Protein 1,AFBP,PP12,IGF-BP25,hIGFBP-1,IGFBP-1.

Description

Source : Mouse myeloma cell line, NS0. IGFBP-1 Human Recombinant (26-259 a.a.) produced in NS0 is a single, glycosylated, polypeptide chain containing 234 amino acids and having a molecular mass of 25kDa. The IGFBP1 is purified by proprietary chromatographic techniques.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	IGFBP-1 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS.
Storage condition :	Lyophilized IGFBP1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IGF-BP1 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	APWQCAPCSA EKLALCPPVS ASCSEVTRSA GCGCCPMCAL PLGAACGVAT ARCARGLSCR ALPGEQQPLH ALTRGQGACV QESDASAPHA AEAGSPESPE STEITEEELL DNFHLMAPSE EDHSILWDAI STYDGSKALH VTNIKKWKEP CRIELYRVVE SLAKAQETSG EEISKFYLPN CNKNGFYHSR QCETSMDGEA GLCWCVYPWN GKRIPGSPEI RGDPNCQIYF NVQN.

Application Note

It is recommended to reconstitute the lyophilized IBP-1 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. The ED50, as determined by the inhibition of rHuIGF-I-induced proliferation of human MCF-7 cells, is less than 4µg/ml.