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Igfbp6, 26-238aa, Mouse,, His-tag, Baculovirus

产品货号: TP02583

第三版

别名: Insulin-like growth factor-binding protein 6, Igfbp6, IGFBP-6, IBP 6, IBP-6, IBP6, IBP6_HUMANIGF binding protein 6, IGF-binding protein 6, IGFBP 6, IGFBP-6, IGFBP6, Insulin like growth factor binding protein 6, Insulin-like growth factor-binding protein 6.

描述: Igfbp6, also known as insulin-like growth factor-binding protein 6, binds insulin-like growth factor 1 (IGF-1) and IGF-2 with high affinity and inhibits IGF action in vitro. It is a cysteine-rich protein with conserved cysteine residues, which are clustered in the amino- and carboxy-terminal thirds of the molecule. It plays a key role in the regulation of IGF bioavailability, by modulating its molecular size, capillary membrane permeability, target tissue specificity, cell membrane adherence and IGF affinity. Recombinant mouse Igfbp6, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 40% glycerol

分子量: 23.7kDa (221aa), 28-40kDa (SDS-PAGE under reducing conditions)

序列:

ALAGCPGCGAGMQTGCRGGCVEEEDAGSPADGCTEAGGCLRREGQPCGVYSPKCAPGLQCQPRENEEAPLRALLIGQG
RCQRARGPSEETTKESKPQGGASRSRDTNHRDRQKNPRTSAAPIRPNPVQDSEMGPCRRHLDSVLQQLQTEVFRGGARG
LYVPNCDLRGFYRKQQCRSSQGNRRGPCWCVDPMGQPLVSPDGQGSTQCSARSSGLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.