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BGN, 38-368aa, Human, His tag, E.coli

产品货号: TP01331

第三版

别名: Biglycan preproprotein, DSPG1, PG-S1, PGI, SLRR1A

描述: BGN, also known as biglycan, is a small cellular or pericellular matrix proteoglycan that is closely related in structure to two other small proteoglycans, decorin and fibromodulin. This protein plays a role in assembly of collagen fibrils and muscle regeneration. It interacts with several proteins involved in muscular dystrophy, including alpha-dystroglycan, alpha- and gamma-sarcoglycan and collagen VI, and it is critical for the assembly of the dystrophin-associated protein complex. Recombinant human BGN protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量: 39.5 kDa(352aa)

序列:

MGSSHHHHHSSGLVPRGSHMDEEASGADTSGVLDPDSVTPTYSAMCPFGCHCHLRVVQCSDLGLKSVPEISPDTTLL
DLQNNDISELKDDFKGLQHLYALVLVNNKISKIHEKAFSPRLKQKLYISKNHLEIPPNLPSLVELRIHDNRIRKVPKGVF
SGLRNMNCIEMGGNPLENSGFEPGAFDGLKLNLYRISEAKLTGIPKDLPETLNLHLDHNKIQAIELEDLLRYSKLYRLGLGH
NQIRMIENGSLFPLTLRELHLDNKLARVPSGLPDLKLLQVVYLHSNNITKVGVNDFCPMGFGVKRAYYNGISLFNNPVP
YWEVQPATFRCVTDRLAIQFGNYKK

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

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.