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MGP, 20-96aa, Human, E.coli

产品货号: TP02968

第三版

别名: Matrix Gla protein isoform 2 precursor, GIG36, MGLAP, NTI.

描述: MGP, also known as Matrix Gla protein, is a protein involved in regulating calcification in the extracellular matrix, in particular in cartilage and arteries. MGP is a vitamin K-dependent protein, and contains five to six residues of Gla, a Ca²⁺ binding amino acid requiring vitamin K-dependent gamma carboxylase for its formation. It is found in human bone extracts, likely formed by COOH-terminal processing by carboxypeptidase Blike enzymatic activity.

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

分子量: 11.8 kDa (98aa)

序列:

MGSSHHHHHHSSGLVPRGSHMYESHESMESYELNPFINRRNANTFISPPQRWRAKVQERIRERSKPVHELNREACDDYRL
CERYAMVYGYNAAYNRYF

纯度: > 95% by HPLC

浓度: 1.0 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.