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AMELX, 17-191aa, Human, His tag, E.coli

产品货号: TP01145

第三版

别名:Amelogenin, X isoform isoform 1, Amelogenin, X-linked, AI1E, AIH1, ALGN, AMG, AMGL, AMGX

描述:AMELX is a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in AMELX cause X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. Recombinant human AMELX protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

分子量:22 kDa (198aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMPLPPHPGHPGYINFSYEVLTPLKWYQSIRPPYPSYGYEPMGGWLHHQIIPVLSQQ
HPPTHTLQPHHHIPVVPAQQPVIPQQPMMPVPGQHSMTPIQHHPNLPPPAQQPYQPQPVPQPHQPMQPQPPVHP
MQPLPPQPPLPPMFPMLPDLTLEAWPSTDKTKREEVD

纯度:> 95% by HPLC

浓度:0.25 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.