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CLPS, 18-112aa, Human, His tag, E.coli

产品货号: TP01650

第三版

别名: Colipase isoform 1 preproprotein, Colipase

描述: CLPS, also known as Colipase, is a protein co-enzyme required for optimal enzyme activity of pancreatic lipase. It is secreted by the pancreas in an inactive form, procolipase, which is activated in the intestinal lumen by trypsin. Its function is to prevent the inhibitory effect of bile salts on the lipase-catalyzed intraduodenal hydrolysis of dietary long-chain triglycerides. Recombinant human CLPS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 1mM DTT, 0.1M NaCl

分子量: 12.5 kDa(118aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSAPGPRGIINLENGELCMNSAQCKSNCCQHSSALGLARCTSMASENSECSVKTLTYGI
YYKPCERGLTCEGDKTIVGSITNTNFGICH DAGRSKQ

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.