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SUMF1, 91-374aa, Human, His tag, E.coli

产品货号: TP04094

第三版

别名:Sulfatase modifying factor 1, FGE

描述:SUMF1 (Sulfatase-modifying factor 1) belongs to the SUMF family. SUMF1 is an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine. Mutations in this gene cause multiple sulfatase deficiency, a lysosomal storage disorder. Recombinant human SUMF1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl, pH8.0, 2M Urea, 20%Glycerol, 2mM DTT

分子量:34.1kDa (304aa)

序列:

MGSSHHHHHHSSGLVPRGSHMVPIAGVFTMGTDQIKQDGEAPARRVTIDAFYMDAYEVSNTFEKQVNSTGYLTEA  
EKFGDSFVFEGMLSEQVKTNIQQAVAAAPWWLPVKGANWRHPEGPDSTILHRPDHPVLHVSWNDVAVYCTWAGKRLP  
TEAEWEYSCRGGLHNRLFPWGNLQPKGQHYANIWQGEFVTNTGEDGFQGTAPVDAFPPNGYGLYNIVGNAWEWT  
SDWWTVHHSVEETLNPKGPPSGKDRVKKGGSYMCHRSYCYRYRCAARSQNTPDSSASNLGFRCAADRLPTMD

纯度:> 95% by HPLC

浓度:0.5mg/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.