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glsA1, 1-310aa, E.coli, His tag, E.coli

产品货号: TP02259

第三版

别名:Glutaminase1, ybaS,

描述:GlsA1 (glutaminase1) belongs to the large superfamily of serine-dependent beta-lactamases and penicillin-binding proteins. They are present in most bacteria and eukaryotes and catalyze the hydrolytic deamidation of L-glutamine to L-glutamate and free NH₄⁺. Recombinant E.coli glsA1 protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 100mM NaCl

分子量:35.0 kDa (330aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMLDANKLQQAVDQAYTQFHSLNGGQNADYIPFLANVPGQLAAVAIVTCDGNVYSAG
DSDYRFALESISKVCTLALALEDVGPQAVQDKIGADPTGLPFNSVIALELHGGKPLSPLVNAGAIATTSLINAENVEQRWQR
ILHIQQQLAGEQVALSDEVNQSEQTTNFHNRAIAWLLYSAGYLYCDAMEACDVYTRQCSTLLNTIELATLGATLAAGGV
NPLTHKRVLQADNVPYILAEMMMEGLYGRSGDWAYRVGLPGKSGVGGGILAVVPGVMGIAAFSPPLDEDGNSVRGQK
MVASVAKQLGYNVFKG

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.