

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Intein, 3-518aa, Bacillus, His tag, E.coli

产品货号: TP02667

第三版

别名: Intein-CBD.

描述: Intein-CBD, also known as Intein, is a segment of a protein that is able to excise itself and rejoin the remaining portions with a peptide bond. Most reported inteins also contain an endonuclease domain that plays a role in intein propagation. In fact, many genes have unrelated intein-coding segments inserted at different positions.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量: 59.4 kDa (533aa), confirmed by MALDI-TOF

序列:

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MKIEEGKLVIGSLEGCFKGTNVLMDGSIECIENIEVGNKVMGKDGRPREVIKLPGRGRETMYSVVQKSQHRAHKSDSSR  
EVPPELLKFTCNATHELVVRTPRSVRRLSRTIKGVEYFEVITFEMGQKKAPDGRIVELVKEVSKSYPISEGPERANELVESYRKA  
SNKAYFEWTIEARDLSLLGSHVRKATYQTYAPILYENDHFFDYMQKSKFHLLTIEGPKVLAYLLGLWIGDGLSDRATFSVDSR  
DTSLMERVTEYAEKLNLCAYKDRKEPQVAKTVNLYSKVVRGASTNPGVSAWQVNTAYTAGQLVTYNGKTYKCLQPHT  
SLAGWEP$NVPALWQLQGGHGGIRNNLNTENPLWDAIVGLGFLKDGVKNI$PFLSTDNIGTRETFLAGLIDSDGYVTDEH  
GIKATIKTIHTSVRDGLVSLARSLGLVSVNAEPAKVDMNVTKHKISYAIYMSGGDVLLNVLSKCAGSKKFRPAPAAAFAR  
ECRGFYFELQELKEDDYGITLSDSDHQFLLGSQVVVQNLEHHHHHH
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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.