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G3BP1, 1-466aa, Human, His tag, E.coli

产品货号: TP02168

第三版

别名:ras GTPase-activating protein-binding protein 1, G3BP, HDH-VIII

描述:G3BP1 is one of the DNA-unwinding enzymes which prefers partially unwound 3'-tailed substrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fashion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. And it cleaves exclusively between cytosine and adenine and cleaves MYC mRNA preferentially at the 3'- UTR. Recombinant human G3BP1 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol,2mM DTT, 100mM NaCl

分子量:53.2kDa (474aa), confirmed by MALDI-TOF

序列:

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.