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TARDBP, 1-414aa, Human, His tag, E.coli

产品货号: TP04147

第三版

别名:TAR DNA binding protein, ALS10, TDP43

描述:TARDBP, as known as TAR DNA binding protein, was originally identified as a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. It has also been identified in individuals diagnosed with chronic traumatic encephalopathy, a condition that often mimics ALS and that has been associated with athletes who have experienced multiple concussions and other types of head injury. It has been shown to bind both DNA and RNA and have multiple functions in transcriptional repression, pre-mRNA splicing and translational regulation. Recombinant human TARDBP protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M urea

分子量:48.8 kDa(450aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMSSEYIRVTEDEDEPIEIPSEDDGTVLLSTVTAQFPGACGL
RYRNPVSQCMRGVRLVEGILHAPDAGWGNLVYVVNYPKDNKRKMDETDASSAVKVKRAVQKTSDLIVLGLPWKTTEQ
DLKEYFSTFGEVLMVQVKKDLKTGHSKGFVRFTEYETQVKVMSQRHMIDGRWCDCKLPNSKQSQDEPLRSRKVFVG
RCTEDMTEDELREFFSQYGDVMDVFIPKPFRAFAVTFADDQIAQSLCGEDLIKGISVHISNAEPKHNSNRQLERSGRFGG
NPGGFGNQQGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAALQSSWGMMGMLASQQNQSGPSGN
NQNQGNMQREPNAFGSGNNSYSGSNSGAAIGWGSASNAGSGSGFNNGFGSSMDSKSSGWGM

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.