

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

TARDBP, 1-414 aa Human, E.coli

产品货号: TP04146

第三版

别名:TAR DNA binding protein 43, ALS10, TDP-43

描述:TARDBP, as known as TAR DNA binding protein 43, 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 was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. In 20mM Tris-HCl(pH8.0) containing 0.1M NaCl, 1mM DTT, 1mM EDTA, 10% glycerol

分子量:44.7 kDa (414 aa)

序列:

MSEYIRVTEDEENDEPIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLVEGILHAPDAGWGNLVYVVNYPKD
NKRKMDETDASSAVKVKRAVQKTSDLIVLGLPWKTTEQDLKEYFSTFGEVLMVQVKKDLKTGHSKGFVRFTEYETQV
KVMSQRHMIDGRWCDCKLPNSKQSQDEPLRSRKVFVGRCTEDMTEDELREFFSQYGDVMDVFIKPFRAFAFVTFADDQ
IAQSLCGEDLIKGISVHISNAEPKHNSNRQLERSGRFGGNGGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFS
INPAMMAAAQAALQSSWGMMGLASQQNQSGPSGNNQNQGNMQREPNAFGSGNNSYSGSNSGAAIGWGSASNAG
SGSGFNNGFGSSMDSKSSGWGM

纯度:> 95% by HPLC

浓度:0.25 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.