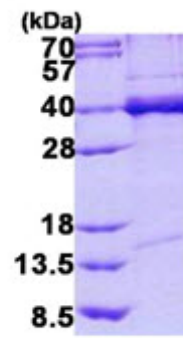


AR50856PU-S**Human TARDBP (1-260, His-tag) - Purified**

Alternate names:	TAR DNA-binding protein 43, TDP-43, TDP43
Quantity:	20 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	TARDBP 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 and purified by using conventional chromatography techniques
Uniprot ID:	Q13148
NCBI:	NP_031401
GenelD:	23435
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Description:	AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSEY IRVTEDEDE PIEIPSEDDG TVLLSTVTAQ FPGACGLRYR NPVSQCMRGV RLVEGILHAP DAGWGNLVYV VNYPKDNKRK MDETDAASAV KVKRAVQKTS DLIVLGLPWK TTEQDLKEYF STFGEVLMVQ VKKDLKTGHS KGFVFRFTE YETQVKVMSQ RHMIDGRWCD CKLPNSKQSQ DEPLRSRKVF VGRCTEDMTE DELREFFSQY GDVMDVFIPK PFRAFAFVTF ADDQIAQSLC GEDLIKGIS VHISNA Molecular weight: 33.6 kDa (296aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ou SH. et al. (1995) J Virol. 69:3584-3596.

Pictures:



15% SDS-PAGE (3ug)