

Product datasheet for **AR50917PU-N**

TARDBP (1-414, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TARDBP (1-414, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSEY IRVTEDEDE PIEIPSEDDG TVLLSTVTAQ FPGACGLRYR NPVSQCMRGV RLVGILHAP DAGWGNLVVY VNYPKDNKRK MDETDASSAV KVKRAVQKTS DLIVLGLPWK TTEQDLKEYF STFGEVLMVQ VKKDLKTGHS KGFQVRFTE YETQVKVMSQ RHMIDGRWCD CKLPNSKQSQ DEPLRSRKVF VGRCTEDMTE DELREFFSQY GDVMDVFIPK PFRAFAFVTF ADDQIAQSLC GEDLIKGIS VHSNAEPKH NSNRQLERSG RFGGNPGGFG NQGGFGNSRG GGAGLGNNQG SNMGGGMNFG AFSINPAMMA AAQAALQSSW GMMGMLASQQ NQSGPSGNNQ NQGNMQREPN QAFGSGNNSY SGSNSGAAIG WGSASNAGSG SGFNNGFGSS MDSKSSGWGM
Tag:	His-tag
Predicted MW:	48.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TARDBP protein protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_031401
Locus ID:	23435
UniProt ID:	Q13148 , Q9H256 , A0A024R4E2



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Cytogenetics: 1p36.22

Synonyms: ALS10; TDP-43

Summary: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:

