
Human TDP43 Protein

Cat.#:	TD-P1014	Size:	50ug
Protein Name:	TDP43		
Synonym:	ALS10; TDP-43		
Uniprot No.:	Q13148		
Expression System:	E. Coli		
Compound Identity:	TDP43(e3)-his		
Full Length or Truncated:	Full length		
Molecular Weight:	47.2kD		
Form:	freeze-dried powder		
Storage:	-80°C (as supplied)		
Stability:	≥6 months		
Purity:	≥85% estimated by SDS-PAGE		
Supplied in:	1×PBS (pH 7.2)		

Background

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]

SDS-PAGE Validation

