

Recombinant Human TARDBP Protein, Tag Free

Cat. No. TARDBP-22H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	E.coli
ProteinLength	1-414 aa
Description	<p>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.</p>
Molecular Mass	45 kDa
AA Sequence	<p>MSEYIRVTEDEENDEPIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLV EGILHAPDAGWGNLVYVVNYPKDNKRKMDETDASSAVKVKRAVQKTSDLIVLGLPW KTTEQDLKEYFSTFGEVLMVQVKKDLKTGHSKGFGFVRFTEYETQVKVMSQRHMID GRWCDCCLPNSKQSQDEPLRSRKVFVGRCTEDMTEDELREFFSQYGDVMDVFIPK PFRAFAFVTFADDQIAQSLCGEDLIIKGISVHISNAEPKHNSNRQLERSGRFGGNPPGG FGNQGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAALQSSWG MMGMLASQQNQSGPSGNNQNQGNMQREPNQAFGSGNNSYSGSNSGAAIGWGS</p>

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ASNAGSGSGFNNGGFGSSMDSKSSGWGM

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile 20 mM Tris, pH8.0, 0.1M NaCl, 1mM DTT, 1mM EDTA, 10% Glycerol

Concentration 0.13 mg/mL by Bradford

GENE INFORMATION

Gene Name [TARDBP TAR DNA binding protein \[Homo sapiens \(human\) \]](#)

Official Symbol [TARDBP](#)

Synonyms TARDBP; TAR DNA binding protein; TAR DNA-binding protein 43; ALS10; TDP 43; TAR DNA-binding protein-43; TDP-43

Gene ID [23435](#)

mRNA Refseq [NM_007375](#)

Protein Refseq [NP_031401](#)

MIM [605078](#)

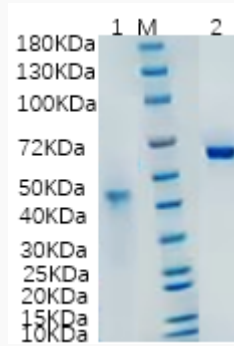
UniProt ID [Q13148](#)

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Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Rabbit anti-Human
TARDBP Polyclonal
antibody) analysis
profiles of purified
TARDBP



1. TARDBP: 1 μ g 2. BSA: 1 μ g

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