

Recombinant Human TARDBP Protein, Tag Free

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

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
ProteinLength	1-414 aa
Description	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.
Molecular Mass	45 kDa
AA Sequence	MSEYIRVTEDENDIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLV EGILHAPDAGWGNLVYVVNYPKDNKRKMDETDASSAVKVKRAVQKTS DLIVLGLPW KTTEQDLKEYFSTFGEVLMVQVKKDLKTGH SKGFGFVR FTEYETQVKVMSQRHMID GRWCDCKLPNSKQSQDEPLRSRKVFVGRCTEDMTEDELREFFS QYGDVMDVFIPK PFRAFAFVT FADDQIAQSLCGEDLIKGISVHISNAEPKHNSNRQLERSGRFGGNPGG FGNQGGFGNSRGGGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAALQSSWG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MMGMLASQQNQSGPSGNNQNQGNMQREPNQAFGSGNNSYSGSNSGAAIGWGS
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

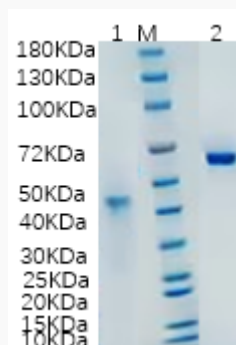
UniProt ID Q13148

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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 µg 2. BSA: 1u µg

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