

Recombinant Human TAR DNA Binding Protein, T7-tagged

Cat. No. TARDBP-2993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TARDBP protein, fused with a T7-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques, 44740Da (414aa).
Species	Human
Source	E.coli
Description	TAR DNA-binding protein 43 (TDP-43), is a cellular protein which in humans is encoded by the TARDBP gene.
Sequences of amino acids	MSEYIRVTEDENDPIEIPS EDDGTVLLST VTAQFPGACG LRYRNPVSQC MRGVRLVEGI LHAPDAGWGN LVYVVNYPKD NKRKMDETDA SSAVKVKRAV QKTSDLIVLG LPWKTTEQDL KEYFSTFGEV LMVQVKKDLK TGHSKGFGFV RFTEYETQVK VMSQRHMIDG RWCDCKIPNS KQSQDEPLRS RKVFVGRCTE DMTEDELREF FSQYGDVMDV FIPKPFRAFA FVTFADDQIA QSLCGEDLII KGISVHISNA EPKHNSNRQL ERSGRFGGNP GGFGNQGGFG NSRGGGAGLG NNQGSNMGGG MNFGAFSINP AMMAAAQAAL QSSWGMMGML ASQQNQSGPS GNNQNQGNMQ REPNQAFGSG NNSYSGSNSG AAIGWGSASN AGSGSGFNNG FGSSMDSKSS GWGM
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃
Purity	95% by SDS - PAGE

 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

Applications MS. SDS

GENE INFORMATION

Gene Name TARDBP TAR DNA binding protein [Homo sapiens]

Synonyms TARDBP; TDP-43; TAR DNA binding protein; ASL 10; TAR DNA-binding protein 43; TDP43; TAR DNA-binding protein 43; OTTHUMP00000002173; TRA DNA-binding protein-43

Gene ID 23435

mRNA Refseq NM_007375

Protein Refseq NP_003140

MIM 605078

UniProt ID Q13148

Chromosome Location 1p36.22

Function DNA binding; RNA binding; double-stranded DNA binding; mRNA 3'-UTR binding; nucleotide binding; protein binding; sequence-specific DNA binding transcription factor activity

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PDBrendering based
on 1wf0. Available
structures:1wf0,2cqq

