

Active Recombinant Human Full Length TARDBP protein, His-tagged

Cat. No. TARDBP-0740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TARDBP protein(Met1-Met414), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-414 a.a.
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 500 mM NaCl, 0.4 M Arginine, pH8.0 with glycerol as protectant.
Bio-activity	Immobilized Human TDP-43, His Tag at 1 µg/mL (100 µL/well) can bind Anti-TDP43 Antibody with a linear range of 0.2-3 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 46.8 kDa. The protein migrates as 54-56 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Met1-Met414
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined 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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TARDBP TAR DNA binding protein [Homo sapiens]

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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