

Recombinant Human TARDBP Protein (Full length), N-GST-tagged

Cat. No. TARDBP-41H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human TDP43 protein was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full Length
Description	TAR DNA binding protein (TARDBP) Human was originally discovered in a screen for transcriptional repressors of the transactive response (TAR) DNA binding element of the HIV-1 virus. Contain two RNA-recognition motifs (RRM1 and RRM2), one of which partially overlaps with a putative nuclear export sequence. Mutations in TARDBP were identified in amyotrophic lateral sclerosis (ALS) patients.
Molecular Mass	Observed MW: ~73 kDa. Calculated MW: ~73 kDa.
Purity	The purity of TDP43 was determined to be > 90 % by densitometry.
Stability	One year at -70 centigrade from date of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

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favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µL

Storage Buffer Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 25% glycerol.

Shipping Dry ice

GENE INFORMATION

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

Official Symbol TARDBP

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

Gene ID 23435

mRNA Refseq NM_007375

Protein Refseq NP_031401

MIM 605078

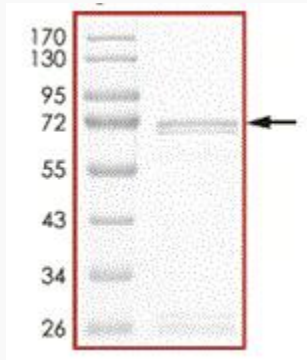
UniProt ID Q13148

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Purity



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