

# Human TARDBP (1-414) Recombinant Protein



RPPB4908

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## Product Information    Protein Information

**Product SKU:**

RPPB4908

**Accession:**

Q13148

**Host:**

E.coli.

**Protein description:**

TARDBP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 450 amino acids (1-414 a.a) and having a total molecular mass of 48.8 kDa. TARDBP is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

ALS10, TDP43, TAR DNA-binding protein 43, TDP-43, TARDBP.

**Formulation:**

TARDBP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M urea.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSEY IRVTEDEDE PIEIPSEDDG TVLLSTVTAQ  
FPGACGLRYR NPVSQCMRGV RLVEGILHAP DAGWGNLVYV VNYPKDNKRK MDETDAASAV KVKRAVQKTS  
DLIVLGLPWK TTEQDLKEYF STFGEVLMVQ VKKDLKTGHS KGFGFVRFTE YETQVKVMSQ RHMIDGRWCD  
CKLPNSKQSQ DEPLRSRKVF VGRCTEDMTE DELREFFSQY GDVMDVFIK PFRAFAFVTF ADDQIAQSLC  
GEDLIKGIS VHISNAEPKH NSNRQLERSG RFGGNPGGFG NQGGFGNSRG GGAGLGNNQG SNMGGGMNFG  
AFSINPAMMA AAQAALQSSW GMMGMLASQQ NQSGPSGNNQ NQGNMQREPN QAFGSGNNSY  
SGSNSGAAIG WGSASNAGSG SGFNGGFGSS MDSKSSGWGM.