



# Recombinant Chicken TAR DNA-binding protein 43 (TARDBP)

<b>Product Code</b>	CSB-YP716987CH
<b>Abbreviation</b>	TARDBP
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5ZLN5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSEYIRVTED ENDEPIEIPS EDDGTVLLST VTAQFPGACG LRYRNPVSQC MWGVRLEVEGI LHAPEAGWGN LVYVVNYPKD NKRKMDETDA SSAVKVKRAV QKTSIDLIVLG LPWKTTEQDL KEYFSTFGEV LMVQVKKDIK TGHSKGFV RFTDYETQVK VMSQRHMIDG RWCDCKLPNS KQSPDEPLRS RKVFGVGRCTE DMTADELQQF FAQYGEVVDV FIPKPFRAFA FVTFADDQVA QSLCGEDLII KGISVHISNA EPKHNSNRQL ERGGRFGGNP GGFNQGFGF NSRGGGGGLG NNQGSNMGGG MNFGAFSINP AMMAAAQAAL QSSWGMGMML ASQQNQSGPS GNNQPQGNMQ REQNQGFSSG NNSYGGNSNSG AAIGWGSASN AGSSSGFNGG FGSSMDSKSS GWGM
<b>Source</b>	Yeast
<b>Target Names</b>	TARDBP
<b>Protein Names</b>	Recommended name: TAR DNA-binding protein 43 Short name= TDP-43
<b>Expression Region</b>	1-414
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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. This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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