



Recombinant Human TAR DNA-binding protein 43 (TARDBP), partial

Product Code	CSB-BP023129HU
Storage	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.
Uniprot No.	Q13148
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSEYIRVTEDEENDEPIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVVSQCMRG VRLVEGILHAPDAGWGNLVYVVNYPKDNKRKMDETDASSAVKVKRAVQKTSD LIVLGLPWKTTEQDLKEYFSTFGEVLMVQVKKDLKTGHSKGFGFVRFTEYETQ VKVMSQRHMIDGRWCDCKLPNSKQSQDEPLRSRKVVFVGRCTEDMTEDELRE FFSQYGDVMDVFIPKPFRAFAFVTFADDQIAQSLCGEDLIKGISVHISNAEPKH NSNRQLERSGRFGGNPGGFGNQGGFGNSRGGGAGLGNQGSNMGGGMN FGAFSINPAMMAAAQAALQSSWGMMLASQQNQSGPSGNNQNQGNMQR EPNQAFGSGNNSYSGSNSGAAIGWGSASNAGSGSG
Research Area	Transcription
Source	Baculovirus
Target Names	TARDBP
Expression Region	1-396aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	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.
Reconstitution	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.
Shelf Life	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.