peQE30-HisNter-TDP1-102 L28A Vector

Catalogue number: 153789
Sub-type: pQE30
Images:

Contributor

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Institute: International Centre For Genetic Engineering And Biotechnology (ICGEB)
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: peQE30-HisNter-TDP1-102 L28A Vector

Alternate name: TARDBP, TAR DNA Binding Protein, TDP-43, TAR DNA-Binding Protein 43, ALS10

Class:
Conjugate:
Description: Concentration 1.5mg/ml
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes: The TAR DNA-binding protein (TDP-43) is a highly conserved heterogeneous

nuclear ribonucleoprotein (hnRNP) that controls the transcription, splicing and RNA stability of specific genes. The protein associates with single-stranded RNA and DNA sequences, and exhibits remarkable specificity for UG/TG dinucleotide repeats. Regulation of the human low-molecular-weight neurofilament (hNFL) by TDP-43 has also been reported to occur through 3â€² UTR recruitment. TDP-43 is the major protein in inclusions from patients suffering from frontotemporal lobar degeneration (FTLD) with ubiquitin-positive inclusions and amyotrophic lateral sclerosis (ALS). This is a mutant N-terminal domain of TDP-43 that cannot fold properly

Target details

Target: Mutant TDP43 N-terminal domain 1-102

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: Concentration 1.5mg/ml

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools:

References

References: Mompe?„Â‚?„Â„n et al. 2017. J Biol Chem. 292(28):11992-12006. PMID: 28566288. ; Point mutations in the N-terminal domain of transactive response DNA-binding protein 43 kDa (TDP-43) compromise its stability, dimerization, and functions.