peQE30-HisNter-TDP1-102 Vector

Catalogue number: 153787
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 Vector

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

Class:
Conjugate:
Description: Concentration 1.2mg/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). The N-terminal region of TDP-43 is a highly structured sequence that contributes to the reversible dimerization and oligomerization of this protein. It contains a bipartite Nuclear Localization Signal that ensures the predominant nuclear localization of TDP-43.

Target details

Target: TDP43 N-terminal domain 1-102

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: Concentration 1.2mg/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. 2016. FEBS J. 283(7):1242-60. PMID: 26756435. ; The TDP-43 N-terminal domain structure at high resolution.