pJEK11 Beta-Synuclein Vector

Catalogue number: 152049
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: pJEK11 Beta-Synuclein Vector

Alternate name:

Class:
Conjugate:
Description: pJEK11 is a derivative of pET15b with the open reading frame encoding the human beta-synuclein (Ä?Â???Â?-synuclein) cloned in via the NdeI and BamHI restriction sites. In this construct Ä?Â???Â?-synuclein is expressed as a fusion protein with an N-terminal six His tag.
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: Beta-synuclein is an abundant pre-synaptic phosphoprotein that is found in the brain and is homolgous to alpha-synuclein. Beta-synuclein is distinct from alha-synuclein in that it lacks the majority of the hydrophobic non-amyloid-beta component of the Alzeheimer's disease amyloid region. Due to this beta-synuclein is less likely to form insoluble aggregates when compared to alpha-synuclein. It is thought that beta-synuclein may have a protective role against alpha-synucleinopathies. Beta-synuclein is an acidic, neuronal protein considered to be a non-amyloidogenic homolog of alpha-synuclein. It has been postulated that beta-synuclein could act as a physiological inhibitor of Î±-synuclein aggregation and thus protect the central nervous system from the neurotoxic effects of alpha-synuclein

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: pJEK11 is a derivative of pET15b with the open reading frame encoding the human beta-synuclein (Î²-synuclein) cloned in via the NdeI and BamHI restriction sites. In this construct Î²-synuclein is expressed as a fusion protein with an N-terminal six His tag.

Handling

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

Related tools

Related tools:

References

References: