CHEC-9 immunomodulatory Peptide

Catalogue number: 154133
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: CHEC-9 immunomodulatory Peptide

Alternate name: Human neuroprotective polypeptide Diffusible Survival Evasion Peptide (DSEP)

Class:
Conjugate:
Description: The CHEC-9 (peptide sequence CHEASAAQC) sequence is a fragment of a human diffusible survival evasion peptide (DSEP). CHEC-9 is an anti-inflammatory/neuroprotective peptide that uncompetitively binds and inhibit secreted phospholipase A2 (sPLA2). Allowing for the study of PLA2-directed inflammation of traumatic and autoimmune (Autoimmune Myeloencephalitis) neurodegenerative disorders. CHEC-9 also binds HSP70 and may influence HSP70-dependent dissolution of protein aggregates that accumulate in aging and disease models like Parkinsonâ??s and Alzheimerâ??s Disease.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence: CHEASAAQC
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

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

Related tools

Related tools:

References

References: Cunningham et al. 2018. Rejuvenation Res. 21(6):527-534. PMID: 29651925. ; Heptamer Peptide Disassembles Native Amyloid in Human Plasma Through Heat Shock Protein 70. ; Uncompetitive Phospholipase A2 Inhibition by CHEC Sequences Including Oral Treatment of Experimental Autoimmune Myeloencephalitis