Order online now!

www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 000-000-K95S

Beta Amyloid 40, Peptide Rhodamine Conjugated

Overview

Description:	Beta Amyloid 40, Rhodamine conjugated Peptide - 000-000-K95S
Item No.:	000-000-K95S
Size:	0.5 mg

Product Details

Background:	Amyloid peptides, derived from amyloid precursor protein (APP), are thought to play a role in the development of the senile plaques associated with Alzheimer's disease. The amyloid hypothesis presupposes that flaws in the processing of APP result in abnormally high levels of the longer, "stickier" forms of beta amyloid, known as Aβ42 and Aβ43, leading to aggregation of amyloid in the neuronal cell death and ultimately neuronal death. Mutations in the structure of Aβ40 and related peptides as well as in some of the enzymes involved in the processing of APP have been shown to alter the processing of APP. The sporadic (i.e., non-genetic) form of the disease, however, is far more common, caused by aging in concert with a number of both genetic and environmental risk factors.
Synonyms:	ABPP, APP1, Alzheimer disease amyloid protein, Cerebral vascular amyloid peptide, Protease nexin-II, Rhodamine conjugated, control peptide, blocking peptide
Conjugate:	Rhodamine (TRITC)
Type:	Peptide

Target Details

Purity/Specificity:	Greater than 95% specific peptide.

Application Details

Application Note:	Beta Amyloid 40, N-5-TAMARA Control Peptide is suitable for use in ELISA, Western Blot, Dot blot, PCA, and other assays. Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by dry weight
Buffer:	0.1% Trifluoroacetic acid
Reconstitution Volume:	500 µL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 2 - 8 ° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

www.rockland.com
tech@rockland.com
+1 484.791.3823