NEUROMICS

nNOS-c-Terminus blocking peptide   Data Sheet

Catalog Number: P24287   **Format:**   Lyophilize-25 ug

Description: AFIEESKKDTDEVFS
conjugated to KLH
Control Antigen for use in absorption
control.

Molecular weight: 1745 daltons

Application Notes

The peptide control for nNOS (C-terminal) is intended for the immuno-adsorption of nNOS (C-terminal) antiserum, catalog number RA24287. Pre-adsorption of nNOS (C-terminal) antiserum, diluted according to the antibody specification sheet, with 5 ug/ml nNOS peptide immunogen following the instructions below provides complete blockage of nNOS (C-terminal) immunolabeling. The peptide is provided as 25ug of lyophilized human nNOS, sequence 1419-1433.

Storage/Handling:
- Do not reconstitute until ready to use since the product is most stable when lyophilized. The product does not need to be kept cooled during shipping. Prior to reconstitution, store at -15 to -25°C. The crystals in the vial may be difficult to see and the vial may appear empty.
- Reconstitute vial with 500 ul of Phosphate Buffered Saline/Triton X-100 (0.05M sodium phosphate, 0.15M sodium chloride, 0.3% Triton X-100, pH 7.4), put the stopper back, invert the vial, and vortex.
- After reconstitution, use immediately or refrigerate at 2º-8º C up to 2 days. For long-term storage, appropriately aliquot antibody to avoid repeated freeze/thaw cycles and freeze at -15 to -25°C.

Blocking Protocol:
1. Follow the instructions for reconstitution of the lyophilized peptide above.
2. Add 100 ul of the reconstituted peptide per milliliter of diluted antibody to achieve a final peptide concentration of 5 ug/ml.
3. Vortex the diluted antibody/peptide solution and incubate at 2 to 8°C for 18-24 hours before use.
4. Always run pre-adsorbed antibody in parallel with untreated antibody. Untreated antibody should stain appropriately, while pre-adsorbed antibody should provide complete blockage of immunolabeling.

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