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Product Description

Calmodulin (recombinant 10 µg)

Product: recombinant calmodulin produced in Escherichia Coli.

Lot No.: VU-1

Form: lyophilized (10 µg in 10 µl of: 10 mM Tris-HCl, 1 mM EGTA).

Storage: Reconstitute with 10 µl bidistilled water. Freeze in small aliquots (e.g. 1 µg) and keep at -80°C. Avoid repeated freezing and thawing.

Description: This recombinant protein has been purified by HPLC. This protein can be used for immunoblots, absorption experiments in immunohistochemistry, radioimmunoassay and intracellular injection.

For adsorption we suggest the following procedure:

- Dilute 1 µl of the antibody 465 (Swant) against calmodulin in 5 ml of the usual buffer for immunohistochemistry (final dilution 1:5'000).
- Add 1 µg of the recombinant protein to 1 ml of the diluted antibody solution and mix well.
- Incubate for at least 6 hours in the cold.
- Apply to tissue-sections and incubate for 3 days.
- Complete the immunohistochemical reaction as usual (biotinylated second antibody, ABC-complex, DAB).

As a result, the immunostaining should be strongly reduced or even completely prevented.