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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.