



PO Box 2660, CH-6501 Bellinzona
(Switzerland)
Fax: +41 91 825 76 08
info@swant.com
www.swant.com

Product Description

6-His Calretinin (recombinant)

Product: 6-His human calretinin (recombinant) produced in Escherichia Coli.

Lot No.: 22

Form: lyophilized (10 or 100 µg in 25, resp. 155 µl of: 10 mM Tris, 50 mM NaCl, 2 mM CaCl₂, 1 mM EDTA, 1mM β-mercaptoethanol, pH 7.4). White cap and label.

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

Description: This recombinant protein has been purified by affinity chromatography on a NTA-resin

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 antiserum 7696 (SWant) against calretinin 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.

Reference:

Schwaller B., Buchwald P., Blümcke I., Celio M.R. and Hunziker W. (1993) Characterization of a polyclonal antiserum against the purified human recombinant calcium-binding protein calretinin. *Cell Calcium* **14**: 639-648.