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TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

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Calpastatin

CLPRO282
CLPRO282-2
Lot:

Source: Human Erythrocytes

Presentation: 2 µg (CLPRO282) or 5 µg (CLPRO282-2), sterile filtered colourless solution containing 50mM imidazole-HCl, 0.2mM EGTA and 1mM DTT pH-7.4. Tris-HCL and 1mM EGTA.

Stability: Calpastatin although stable at 10°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please avoid freeze-thaw cycles.

Purity: Greater than 90% as determined by:
Analysis by reducing and non-reducing SDS-PAGE Coomassie.

Applications: This protein can be used for immunoblots, absorption experiments in immunohistochemistry, radioimmunoassay and intracellular injection. For adsorption we suggest the following procedure:

A-Dilute 1 µl of the antiserum against Calpastatin in 1 ml of the usual buffer for immunohistochemistry (final dilution 1:1000).

B- Add 1 µg of protein to 1ml of the diluted antibody solution and mix well.

C-Incubate for at least 6 hours in the cold.

D-Apply to tissue-sections and incubate for 3 days.

E-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:

Lane et al. (1992) A comparison of the intracellular distribution of µ-calpain, m-calpain and calpastatin in proliferating human A431 cells. Exp. Cell Res. 203:5-16.

Laboratory Reagent For Research Use Only

JV 10/04/07

For more information or to place an order please contact...

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