

R1605CP**ING5 Control Peptide****Alternate names:**

Inhibitor of growth protein 5, p28ING5

Quantity:

50 µg

Concentration:

1.0 mg/ml (by weight)

Background:

ING5 is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis.

ING5 is a component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo.

ING5 acts as a tumor suppressor and is a potent growth regulator in normal and in established cells. ING5 may have involvement in chromatin remodeling.

Uniprot ID:[Q8WYH8](#)**NCBI:**[NP_115705.2](#)**GeneID:**[84289](#)**Format:****State:** Liquid (sterile filtered)**Purification:** Greater than 95% specific peptide**Buffer System:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide**Applications:**

Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

ING5 (p28) Control Peptide

Storage:

Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: 6 month from despatch.