

## ECRG-2 (C-term) Control Peptide

<b>Alternate names:</b>	ECG2, Esophagus cancer-related gene 2 protein, MGC133105, MGC133106, SPINK7, Serine protease inhibitor Kazal-type 7, UNQ745/PRO1474
<b>Catalog No.:</b>	AP55561CP-N
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.2 mg/ml
<b>Uniprot ID:</b>	<a href="#">P58062</a>
<b>NCBI:</b>	<a href="#">AAI09386</a>
<b>GeneID:</b>	<a href="#">84651</a>
<b>Format:</b>	<b>State:</b> Liquid peptide <b>Buffer System:</b> PBS pH 7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide
<b>Applications:</b>	The peptide is used for blocking the activity of ECRG-2 antibody Cat.-No. AP55561PU-N. It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Control peptide for AP55561PU-N. Peptide containing 16 amino acids near the carboxy terminus of human ECRG2. <b>Species:</b> Human Other species not tested.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Cui Y, Wang J, Zhang X, et al. ECRG2, a novel candidate of tumor suppressor gene in the esophageal carcinoma, interacts directly with metallothionein 2A and links to apoptosis. Biochem. Biophys. Res. Commun. 2003; 302:904-15.

Pictures:

Western blot analysis in human lung tissue lysate with ECRG2 antibody Cat.-No AP55561PU-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

