

ZACN

Human Zinc Activated Ion Channel

Catalog No.	CSH0301MP	Quantity:	10 mg
	CSH0301PR		50 µg

Alternate Names: ZAC, ZAC1, L2

Description: ZAC forms a cation-permeable ligand-gated ion channel of the "Cys-loop" superfamily. The ZAC gene is present in humans and dogs, however no ortholog has been detected in rat or mouse genomes. ZAC mRNA is expressed in prostate, thyroid, trachea, lung, brain (adult and fetal), spinal cord, skeletal muscle, heart, placenta, pancreas, liver, kidney and stomach. The endogenous ligand for ZAC is thought to be Zn²⁺, although ZAC has also been found to activate spontaneously. The function of spontaneous ZAC activation is unknown.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 353174

UniProtKB: Q401N2

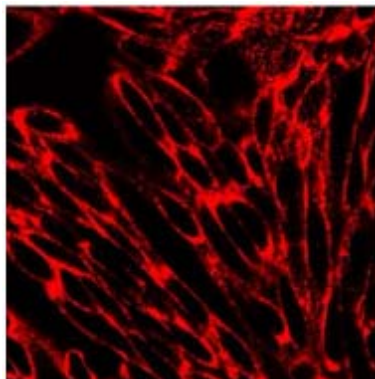
Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

Characterization: Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: Receptor is available with the following tags: Twin Strep-Tag, 2 X Twin Strep-tag, and FLAG-tagged

Fluorescence microscopy on human ZAC stable CHO cell line using Strep-Tactin Chromeo 546



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