

## APLNR

## Human Apelin Receptor

<b>Catalog No.</b>	CSH2100MP	<b>Quantity:</b>	10 mg
	CSH2100PR		50 µg

**Alternate Names:** AGTRL1, APJ, APJR, HG11

**Description:** The apelin receptor (also known as the APJ receptor) is a G protein-coupled receptor which binds apelin and Apela/ELABELA/Toddler. A decade of investigations have shown that the apelinergic system has a broad range of biological functions, playing an important role particularly in maintaining homeostasis of the cardiovascular system and fluid metabolism.

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:** 187

**UniProtKB:** P35414

**Format:** Cell line, membrane preparation, or purified protein

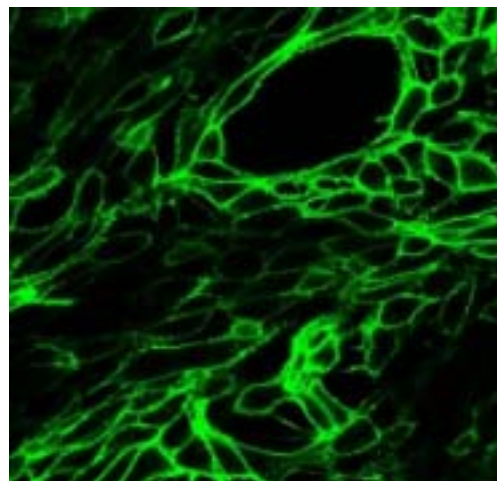
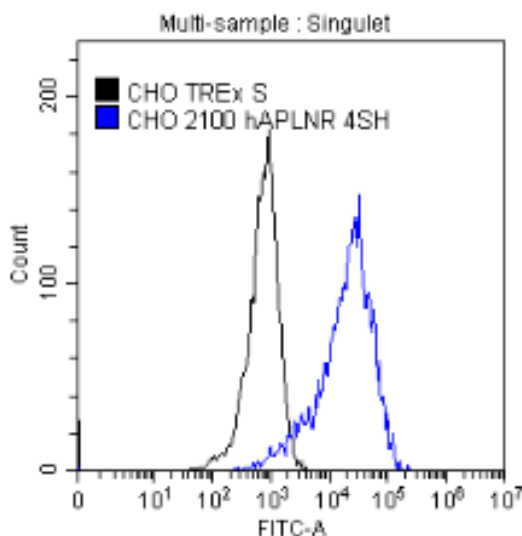
**Source:** HEK 293 or CHO cells

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

**Affinity Tag Options:** Receptor construct: APLNR is available in 2xTwinStrep-tag with HIS-tag, 2X TwinStrep-tag, TwinStrep-tag, 2X Flag and HIS tag, Flag and Rho-tag, TwinStrep and Rho-tag.

Human apelin receptor was stably overexpressed in CHO cells and expression was assessed by flow cytometry with StrepTactin Chromeo 488

Human apelin receptor was stably overexpressed in CHO cells and expression was assessed by immunostaining with StrepTactin Chromeo 488



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