

AVPR1A

Human Vasopressin Receptor V1a

Catalog No.	CSH4294MP	Quantity:	10 mg
	CSH4294PR		50 µg

Alternate Names: V1aR, AVPR1

Description: Human Vasopressin Receptor V1a (AVPR1A) is one of the three major receptor types for vasopressin (AVPR1B and AVPR2 being the others), and is present throughout the brain, as well as in the periphery in the liver, kidney, and vasculature. It acts as receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system.

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: 552

UniProtKB: P37288

Format: Cell line, membrane preparation, or purified protein

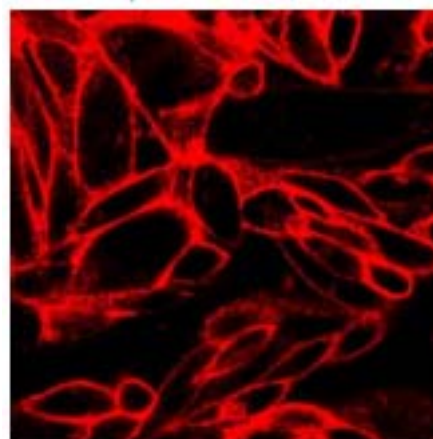
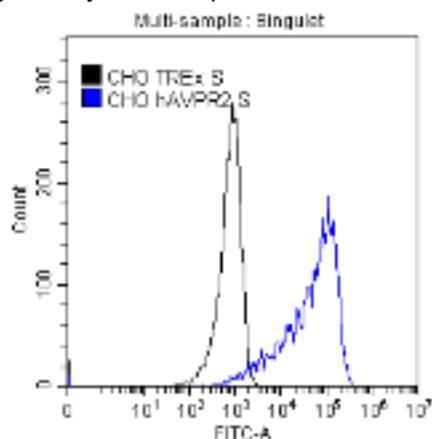
Source: HEK 293 or CHO cells

Characterization: Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: 2 x TwinStrep Tag at amino-terminus

Human AVPR1A receptor was stably overexpressed in CHO cells and expression was assessed by flow cytometry with Strep-Tactin Chromeo 488

Human AVPR1A receptor was stably overexpressed in CHO cells and expression was assessed by immunostaining with Strep-Tactin Chromeo 546



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