

BDKRB2

Human B2 Bradykinin Receptor

Catalog No.	CSH1033MP	Quantity:	10 mg
	CSH1033PR		50 µg

Alternate Names: B2R, BKR2, BK-2, BK2

Description: Bradykinin receptor B2 is a G-protein coupled receptor whose principle ligands are bradykinin, angiotensin and kallidin. The B2 receptor is a G protein-coupled receptor, probably coupled to Gq and Gi. Gq stimulates phospholipase C to increase intracellular free calcium and Gi inhibits adenylate cyclase. The B2 receptor forms a complex with angiotensin converting enzyme and this is thought to play a role in cross-talk between the renin-angiotensin system and the kinin-kallikrein 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: 624

UniProtKB: P30411

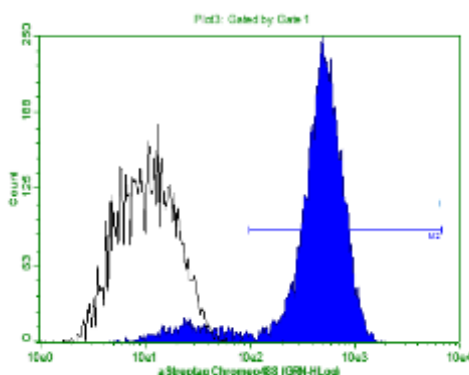
Format: Cell line, membrane preparation, or purified protein

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: BDKRB2 is available in 2xTwinStrep-tag

Human B2 bradykinin receptor was stably overexpressed in CHO cells and expression was assessed by flow cytometry with StrepTactin Chromeo 488



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