

CCR5

Human C-C Chemokine Receptor 5

Catalog No.	CSH3056MP	Quantity:	10 mg
	CSH3056PR		50 µg

Alternate Names: CD195, CC-CKR-5, CKR5, CMKBR5, IDDM22

Description: Chemokines and their receptors, which mediate signal transduction, are critical for the recruitment of effector immune cells to the site of inflammation. CCR5 is a G protein coupled receptor that binds CCL3, CCL4 (also known as MIP 1 α and 1 β , respectively), CCL3L1, and CCL5 (RANTES). CCR5 is predominantly expressed on T cells, macrophages, dendritic cells, eosinophils, and microglia. HIV-1 commonly uses chemokine receptors CCR5 and/or CXCR4 as co-receptors to enter target immunological cells.

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: 1234

UniProtKB: P51681

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: CCR5 is available in 2xTwinStrep-tag with HIS-tag

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