

## ADGRG3

### Human Adhesion G Protein-Coupled Receptor G3

<b>Catalog No.</b>	CSH3091MP	<b>Quantity:</b>	10 mg
	CSH3091PR		50 µg

**Alternate Names:** PB99, PGR26, GPR97

**Description:** Adhesion G protein-coupled receptors (adhesion GPCRs) are a class of 33 human protein receptors with a broad distribution in embryonic and larval cells, cells of the reproductive tract, neurons, leukocytes, and a variety of tumors. The defining feature of adhesion GPCRs that distinguishes them from other GPCRs is their hybrid molecular structure. The extracellular region of adhesion GPCRs can be exceptionally long and contain a variety of structural domains that are known for the ability to facilitate cell and matrix interactions. ADGRG3 is expressed in human granulocytes and endothelial cells of the vasculature. Silencing ADGRG3 in human lymphatic endothelial cells indicated that GPR97 modulates cytoskeletal rearrangement, cell adhesion and migration through regulating the small GTPase RhoA and cdc42.

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:** 222487

**UniProtKB:** Q86Y34

**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: ADGRG3 is 2X Twin-Strep tagged and HIS tagged

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