ADORA3
Human Adenosine Receptor A3

Catalog No.	CSH2003MP CSH2003PR	**Quantity:**	10 mg 50 µg

Alternate Names: Adenosine A3 Receptor, A3AR, AD026

Description: The adenosine receptors are a class of purinergic G protein-coupled receptors with adenosine as endogenous ligand. There are four known types of adenosine receptors in humans: A1, A2A, A2B and A3; each is encoded by a different gene. Adenosine A3 receptors are involved in a variety of intracellular signaling pathways and physiological functions. A3 appears to mediate a sustained cardioprotective function during cardiac ischemia, play a role in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, and has been implicated in both neuroprotective and neurodegenerative effects.

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: 140

UniProtKB: P0DMS8

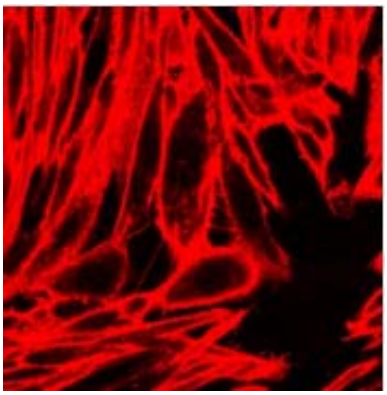
Format: Cell line, membrane preparation, or purified protein

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: A3 is 2X Twin-Strep tagged

Human adenosine receptor A3 was stably overexpressed in CHO cells and analyzed by immunostaining with Strep-Tactin Chromeo 546.



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