

Recombinant Human ADORA2A cell lysate

Cat. No. ADORA2A-33HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G-protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. The encoded protein is abundant in basal ganglia, vasculature and platelets and it is a major target of caffeine.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ADORA2A adenosine A2a receptor [Homo sapiens]
Official Symbol	ADORA2A
Synonyms	ADORA2A; adenosine A2a receptor; ADORA2; adenosine receptor A2a; RDC8; adenosine A2 receptor; adenosine receptor subtype A2a; hA2aR;

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Gene ID	135
mRNA Refseq	NM_000675
Protein Refseq	NP_000666
MIM	102776
UniProt ID	P29274
Chromosome Location	22q11.23
Pathway	Activation of TRKA receptors, organism-specific biosystem; Adenosine P1 receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	G-protein coupled adenosine receptor activity; enzyme binding; protein binding; receptor activity; signal transducer activity;