

## Recombinant Human ADORA2A cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	ADORA2A adenosine A2a receptor [ Homo sapiens ]
<b>Official Symbol</b>	ADORA2A
<b>Synonyms</b>	ADORA2A; adenosine A2a receptor; ADORA2; adenosine receptor A2a; RDC8; adenosine A2 receptor; adenosine receptor subtype A2a; hA2aR;
<b>Gene ID</b>	135

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<b>mRNA Refseq</b>	<a href="#">NM_000675</a>
<b>Protein Refseq</b>	<a href="#">NP_000666</a>
<b>MIM</b>	<a href="#">102776</a>
<b>UniProt ID</b>	<a href="#">P29274</a>
<b>Chromosome Location</b>	22q11.23
<b>Pathway</b>	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;
<b>Function</b>	G-protein coupled adenosine receptor activity; enzyme binding; protein binding; receptor activity; signal transducer activity;

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