



Rat ADORA1 peptide (DAG-P0149)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	inhibits adenylyl cyclase activity; plays a role in regulation of arterial pressure, heart rate, and sodium excretion
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Adora1 adenosine A1 receptor [Rattus norvegicus (Norway rat)]
Official Symbol	ADORA1
Synonyms	ADORA1; adenosine A1 receptor; adenosine receptor A1;
Entrez Gene ID	29290
mRNA Refseq	NM_017155.2
Protein Refseq	NP_058851.2
UniProt ID	P25099

Chromosome Location	13q13
Pathway	Adenosine P1 receptors, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosy
Function	G-protein beta/gamma-subunit complex binding; G-protein coupled adenosine receptor activity; G-protein coupled adenosine receptor activity; G-protein coupled receptor binding; heterotrimeric G-protein binding; phospholipase C activity; protein binding; pr