

Datasheet for ABIN7583253

Adenosine A2a Receptor Protein (ADORA2A) (AA 1-412) (His tag)



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Overview

Quantity:	100 µg
Target:	Adenosine A2a Receptor (ADORA2A)
Protein Characteristics:	AA 1-412
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	This Adenosine A2a Receptor protein is labelled with His tag.

Product Details

Purpose:	Human A2AR Protein-Nanodisc
Sequence:	Met1-Ser412
Characteristics:	Recombinant Human A2AR Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Ser412.
Sterility:	0.22 µm filtered

Target Details

Target:	Adenosine A2a Receptor (ADORA2A)
Alternative Name:	A2AR (ADORA2A Products)
Background:	Adenosine is a neuromodulator in the adult central nervous system. Membrane-bound receptors for adenosine have been identified and cDNAs for A1, A2a, A2b, and A3 adenosine receptor subtypes have been cloned recently. Expression of A2a adenosine receptor mRNA in

Target Details

	cranial ganglia, carotid body, and intermediate lobe of the pituitary gland similarly suggests novel sites of adenosine action during development and in the adult.
Molecular Weight:	45.5 kDa.
UniProt:	P29274
Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , Synaptic Membrane , Feeding Behaviour , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months