

Product Information

MemDX™ Membrane Protein Human ADORA3 (Adenosine A3 receptor) Full Length

Cat. No.: **MPC0024K**

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

This product is a 36.1 kDa Human ADORA3 membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ADORA3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

36.1 kDa

TMD

7

Sequence

MPNNSTALSLANVTYITMEIFIGLCAIVGNVLVICVVKLNPSLQTTTFYF
IVSLALADIAVGVLVMP LAIVVSLGITIHFYSCLFMTCLLLIFTHASIMS
LLAIAVDRLRVKLT VRYKRVTT HRRWLALGLCWLVSFVGLTPMFGWN
MKLTSEYHRNVTF LSCQFVSVMRMDYMVYFSFLT WIFIPLVVMCAIYLDI
FYIIRNKLSLNL SNSKETGAFYGREFKTAKSLFLVFLFALSWLPLSIIN
CIIYFNGEVPQLVLYMGILLSHANSMMNP IYAYKIKKFKETYLLILKAC
VVCHPSDSLDT SIEKNSE

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

ADORA3

Full Name

Adenosine A3 receptor

Introduction

This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein.

Alternative Names

A3AR; adenosine receptor A3; ADORA3; Adenosine A3 receptor

Gene ID

[140](#)

UniProt ID

[P0DMS8](#)