

Recombinant Full Length Human ADORA3 Protein

Cat. No. ADORA3-968HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ADORA3 full-length ORF (NP_000668.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	318 amino acids
Description	<p>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 GenID:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014]</p>
Form	Liquid
Molecular Mass	36.2 kDa
AA Sequence	<p>MPNNSTALS L ANVTYITMEI FIGLCAIVGN VLVICVVKLN PSLQTTTFYF IVSLALADIA VGVLV MPLAI VVSLGITIH F YSCLFMTCLL LIFTHASIMS LLAI AVDRYL</p>

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RVKLTVRYKR VTTHRRIWLA LGLCWLVSFV VGLTPMFGWN MKLTSEYHRN
 VTFLSCQFVS VMRMDYMVYF SFLTWIFIPL VVMCAIYLDI FYIIRNKLSL
 NLSNSKETGA FYGREFKTAK SLFLVLFLFA LSWLPLSIIN CIIYFNGEVP
 QLVLYMGILL SHANSMMNPI VYAYKIKKFK ETYLLILKAC VVCHPSDSL
 TSIEKNSE

Applications
 Antibody Production
 Functional Study
 Compound Screening

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name [ADORA3 adenosine A3 receptor \[Homo sapiens \]](#)

Official Symbol [ADORA3](#)

Synonyms ADORA3; adenosine A3 receptor; adenosine receptor A3; AD026; A3AR; bA552M11.5; RP11-552M11.7

Gene ID [140](#)

mRNA Refseq [NM_000677](#)

Protein Refseq [NP_000668](#)

MIM [600445](#)

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UniProt ID

P0DMS8

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