

Recombinant Human ADORA3 Protein

Cat. No. ADORA3-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADORA3 full-length ORF (NP_000668.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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 GenelD:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014]
Form	Liquid
Molecular Mass	36.2 kDa
AA Sequence	MPNNSTALSLANVTYITMEIFIGLCAIVGNVLVICVVKLNPSLQTTTFYFIVSLALADIAV GVLVMPLAIVVSLGITIHFYSCLFMTCLLLIFTHASIMSLLAIAVDRLRVKLTVRYKRVT THRRWLALGLCWLVSFLVGLTPMFGWNMHLTSEYHRNVTFSLSCQFVSVMRMDYM VYFSFLTWIFIPLVVMCAIYLDIFYIIRNKLSLNLNSKETGAFYGREFKTAKSLFLVLFL

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	FALSWLPLSIINCIIFYFNGEVPQLVLYMGILLSHANSMMNPVYAYKIKKFKETYLLILKACVVCHPSDSLDTSEIKNSE
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
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

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MIM	600445
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UniProt ID	P33765
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