

Recombinant Human ADORA3 Protein, GST-tagged

Cat. No. ADORA3-372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADORA3 partial ORF (AAH29831, 121 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
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 GenID:57413, which encodes an immunoglobulin domain-containing protein. [provided by RefSeq, Nov 2014]
Molecular Mass	37.18 kDa
AA Sequence	VTTHRRWLALGLCWLVSFLVGLTPMFGWNMCLTSEYHRNVTLSCQFVSVMRMD YMVYFSFLTWIFLPLVVMCAIYLDIFYIIRNKLSLNLNSKSKETGAFYGRE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

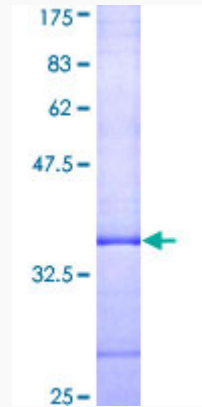
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene 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
UniProt ID	P33765

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Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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