

## Recombinant Human ADORA2B Protein

Cat. No. ADORA2B-370H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ADORA2B full-length ORF (ABM82640.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	36.52 kDa
<b>AA Sequence</b>	<p>MLLETQDALYVALELVIAALSVAGNVLVCAAVGTANTLQTPNTNYFLVSLAAADVAVGL            FAIPFAITISLGFCTDFYGCLFLACFVLVLTQSSIFSLAVAVDRYLAICVPLRYKSLVTG            TRARGVIAVLWVLAFGIGLTPFLGWNSKDSATNNCTEPWDGTTNESCCLVKCLFEN            VVPMSYMVYFNFFGCVLPPLLIMLVIIKIFLVACRQLQRTELM DHSRTTLQREIHA AK            SLAMIVGIFALCWLPVHAVNCVTLFQPAQGKNKPKWAMNMAILLSHANSVVNPIVYA            YRNRDFRYTFHKIISRYLLCQADV KSGNGQAGVQPALGVGL</p>
<b>Applications</b>	Antibody Production Functional Study

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	Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	ADORA2B adenosine A2b receptor [ Homo sapiens ]
<b>Official Symbol</b>	ADORA2B
<b>Synonyms</b>	ADORA2B; adenosine A2b receptor; adenosine receptor A2b; ADORA2;
<b>Gene ID</b>	136
<b>mRNA Refseq</b>	NM_000676
<b>Protein Refseq</b>	NP_000667
<b>MIM</b>	600446
<b>UniProt ID</b>	P29275

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