

Datasheet for ABIN7551889

## Adenosine A2b Receptor Protein (ADORA2B) (AA 1-332) (His tag)



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### Overview

Quantity:	1 mg
Target:	Adenosine A2b Receptor (ADORA2B)
Protein Characteristics:	AA 1-332
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Adenosine A2b Receptor protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat ADORA2B Protein expressed in mammalian cells.
Sequence:	<p>MLLETQDALY VALELVIAAL SVAGNVLVCA AVGTANTLQT PTNYFLVSLA AADVAVGLFA</p> <p>IPFAITISLG FCTDFYGCLF LACFVLVLTQ SSIFSLLAVA VDRYLAICVP LRYKSLVTGT</p> <p>RARGVIAVLW VLAFGIGLTP FLGWNSKDSA TNNCTEPWDG TTNECCCLVK CLFENVVPMS</p> <p>YMVYFNFFGC VLPPLLIMLV IYIKIFLVAC RQLQRTELMD HSRTTLQREI HAAKSLAMIV</p> <p>GIFALCWLPV HAVNCVTLFQ PAQGKNKPKW AMNMAILLSH ANSVVNPIVY AYRNRDFRYT</p> <p>FHKIISRYLL CQADVKSNG QAGVQPALGV GL <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Adenosine A2b Receptor (ADORA2B)
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Alternative Name:	ADORA2B ( <a href="#">ADORA2B Products</a> )
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Background:	Adenosine receptor A2b, FUNCTION: Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.
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Molecular Weight:	36.3 kDa
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UniProt:	<a href="#">P29275</a>
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Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months