

Datasheet for ABIN7551750

Adenosine A2a Receptor Protein (ADORA2A) (AA 1-412) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Adenosine A2a Receptor (ADORA2A)
Protein Characteristics:	AA 1-412
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Adenosine A2a Receptor protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ADORA2A Protein expressed in mammalian cells.
Sequence:	MPIMGSSVYI TVELAIAVLA ILGNVLCWA VWLNSNLQNV TNYFVVS LAA ADIavgvlai PFAITISTGF CAACHGCLFI ACFVLVLTQS SIFSL LAIAI DRYIAIRIPL RYNGLV TGTR AKGIIAICWV LSFAIGLTPM LGWNNCGQPK EGKNHSQGCG EGQVACL FED VVPMNYM VYF NFFACVLVPL LLMLGVYLRI FLAARRQLKQ MESQPLPGER ARSTLQKEVH AAKSLAIIVG LFALCWLPLH IINCFTFFCP DCSHAPLWLM YLAIVLSHTN SVVNPFIYAY RIREFRQTFR KIIRSHVLRQ QEPFKAAGTS ARVLAAHGSD GEQVSLRLNG HPPGVWANGS APHPERRPNG YALGLVSGGS AQESQGNTGL PDVELLSHEL KGVCPPEPGL DDPLAQDGAG VS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- 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

Target:	Adenosine A2a Receptor (ADORA2A)
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Alternative Name:	ADORA2A (ADORA2A Products)
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Background:	Adenosine receptor A2a,FUNCTION: Receptor for adenosine (By similarity). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity). {ECO:0000250 UniProtKB:P11617}.
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Molecular Weight:	44.7 kDa
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UniProt:	P29274
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Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , Synaptic Membrane , Feeding Behaviour , Cancer Immune Checkpoints
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Application Details

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