

Datasheet for ABIN7557579

## ADORA1 Protein (AA 1-326) (His tag)



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### Overview

Quantity:	1 mg
Target:	ADORA1
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADORA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Adora1 Protein expressed in mammalian cells.
Sequence:	<p>MPPYISAFQA AYIGIEVLIA LVSVPGNVLV IWAVKVNQAL RDATFCFIVS LAVADVAVGA</p> <p>LVIPLAILIN IGPQTYFHTC LMVACPVIL L TQSSILALLA IAVDRYL RVK IPLRYKTVVT QRRAAVAIAG</p> <p>CWILSLVVGL TPMFGWNNLS EVEQAWIANG SVGEPVIKCE FEKVISM EYM VYFNFFVWVL</p> <p>PPLLLMVLII LEV FYLIRKQ LNK KVSASSG DPQKYYGKEL KIAKSLALIL FLFALSWLPL</p> <p>HILNCITLFC PTCQKPSILI YIAIFLTHGN SAMNP IVYAF RIHKFRV TFL KIWN DHFRCQ PKPPI EEDIP</p> <p>EEKADD <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## Product Details

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- 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:	ADORA1
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Alternative Name:	Adora1 ( <a href="#">ADORA1 Products</a> )
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Background:	Adenosine receptor A1,FUNCTION: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.
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Molecular Weight:	36.6 kDa
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UniProt:	<a href="#">Q60612</a>
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Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Synaptic Membrane</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