

Datasheet for ABIN7551783
ADORA1 Protein (AA 1-326) (His tag)



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Overview

Quantity:	1 mg
Target:	ADORA1
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADORA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ADORA1 Protein expressed in mammalian cells.
Sequence:	MPPSISAFQA AYIGIEVLIA LVSVPGNLV IWAVKVNQAL RDATFCFIVS LAVADVAVGA LVIPLAILIN IGPQTYFHTC LMVACPVLIL TQSSILALLA IAVDRYLRVK IPLRYKMWVT PRRAAVAIAAG CWILSFVGL TPMFGWNNLS AVERAWAANG SMGEPVIKCE FEKVISMEYM VYFNFFVWVL PPLLLMVLIIY LEVLYLIRKQ LNKKVSASSG DPQKYYGKEL KIAKSLALIL FLFALSWLPL HILNCITLFC PSCHKPSILT YIAIFLTHGN SAMNPVYAF RIQKFRVTFL KIWNDFHRCQ PAPPIDEDLP EERPDD 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ADORA1
Alternative Name:	ADORA1 (ADORA1 Products)
Background:	Adenosine receptor A1,FUNCTION: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.
Molecular Weight:	36.5 kDa
UniProt:	P30542
Pathways:	EGFR Signaling Pathway , Negative Regulation of Hormone Secretion , Synaptic Membrane

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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