

ADORA1 Protein, Human (Cell-Free, His)

Cat. No.:	HY-P702202
Synonyms:	Adenosine receptor A1
Species:	Human
Source:	E. coli Cell-free
Accession:	P30542 (M1-D326)
Gene ID:	134
Molecular Weight:	39.3 kDa

PROPERTIES

AA Sequence

M P P S I S A F Q A	A Y I G I E V L I A	L V S V P G N V L V	I W A V K V N Q A L
R D A T F C F I V S	L A V A D V A V G A	L V I P L A I L I N	I G P Q T Y F H T C
L M V A C P V L I L	T Q S S I L A L L A	I A V D R Y L R V K	I P L R Y K M V V T
P R R A A V A I A G	C W I L S F V V G L	T P M F G W N N L S	A V E R A W A A A N G
S M G E P V I K C E	F E K V I S M E Y M	V Y F N F F V W V L	P P L L L M V L I Y
L E V F Y L I R K Q	L N K K V S A S S G	D P Q K Y Y G K E L	K I A K S L A L I L
F L F A L S W L P L	H I L N C I T L F C	P S C H K P S I L T	Y I A I F L T H G N
S A M N P I V Y A F	R I Q K F R V T F L	K I W N D H F R C Q	P A P P I D E D L P
E E R P D D			

Appearance

Lyophilized powder.

Formulation

Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Endotoxin Level

<1 EU/µg, determined by LAL method.

Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.

Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

The ADORA1 Protein functions as a receptor for adenosine, and its activity is mediated by G proteins that inhibit adenylyl cyclase.

Caution: Product has not been fully validated for medical applications. For research use only.

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