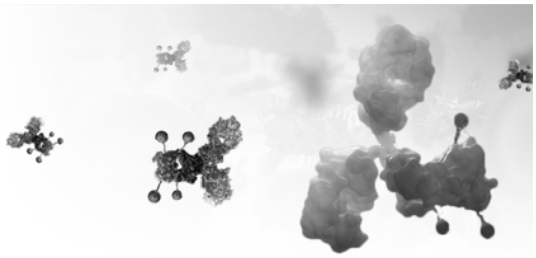

Recombinant Human A2AR VLP (DAG-WT1236)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by HPLC
Conjugate	N/A
Applications	ELISA, SPR
Molecular Weight	45.5 kDa
Reconstitution	Reconstituting to a concentration more than 100 ug/ml is recommended. Dissolve the lyophilized protein in distilled water.
Format	Lyophilized
Size	100 µg, 500 µg
Buffer	Lyophilized from 0.22um filtered solution in PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization
Preservative	None
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week

BACKGROUND

Introduction	The adenosine A2A receptor, also known as ADORA2A, is an adenosine receptor, and also denotes the human gene encoding it. The gene encodes a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G protein-coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase, which induce synthesis of intracellular cAMP. The A2A receptor binds with the Gs protein at the

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	intracellular site of the receptor. The Gs protein consists of three subunits; Gsα, Gsβ and Gsγ.
Keywords	Adenosine-A2A Receptor; ADORA2A; A2AR

GENE INFORMATION

UniProt ID	P29274

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